

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029301.D
 Acq On : 21 Jun 2024 14:46
 Operator : SY/MD
 Sample : P2982-02MS
 Misc : 4.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CT2MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024
 Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 21 22:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	424771	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	319456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	118273	20.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
7) Chloroethane-d5	2.899	69	102686	20.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	4.021	65	57155	20.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.520%
21) 2-Butanone-d5	7.075	46	76590	43.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.080%
24) Chloroform-d	7.648	84	277229	21.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	8.307	65	156063	21.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	8.270	84	523913	27.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	9.270	67	170582	27.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.640%
41) Toluene-d8	10.325	98	430616	25.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.320%
43) trans-1,3-Dichloroprop...	10.575	79	57871	23.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.120%
47) 2-Hexanone-d5	10.922	63	56431	58.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111925	22.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	84432	22.029	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79275	19.129	ug/L	100
3) Chloromethane	2.228	50	113401	19.191	ug/L	98
5) Vinyl chloride	2.375	62	130759	19.269	ug/L	98
6) Bromomethane	2.789	94	70862	17.374	ug/L	93
8) Chloroethane	2.936	64	81394	19.610	ug/L	95
9) Trichlorofluoromethane	3.265	101	109245	20.765	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	104506m	18.017	ug/L	
12) 1,1-Dichloroethene	4.045	96	104147	21.160	ug/L	93
13) Acetone	4.118	43	42611	28.505	ug/L	93
14) Carbon disulfide	4.393	76	278774	17.351	ug/L	99
15) Methyl Acetate	4.673	43	48611	16.381	ug/L	99
16) Methylene chloride	4.917	84	131830	17.650	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	116575	21.328	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	205692	23.521	ug/L	98
19) 1,1-Dichloroethane	6.216	63	255201	21.618	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	132408	21.967	ug/L	100
22) 2-Butanone	7.173	43	78727	38.420	ug/L	99
23) Bromochloromethane	7.514	128	56604	21.096	ug/L	93
25) Chloroform	7.673	83	242247	21.014	ug/L	98

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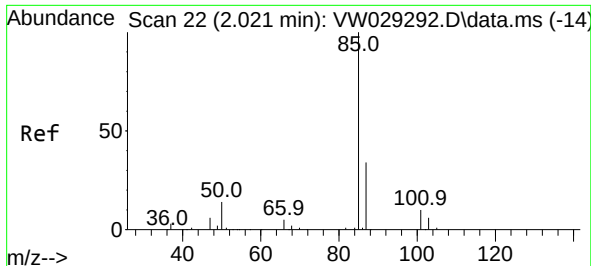
Manual Integrations
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 Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 21 22:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170626	20.069	ug/L	100
29) Cyclohexane	7.959	56	150358	20.588	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	181892	25.605	ug/L	96
31) Carbon tetrachloride	8.075	117	153057	23.586	ug/L	97
33) Benzene	8.319	78	508392	26.486	ug/L	100
34) Trichloroethene	9.087	95	121118	23.651	ug/L	95
35) Methylcyclohexane	9.337	83	124281	15.432	ug/L	99
37) 1,2-Dichloropropane	9.367	63	138302	25.642	ug/L	99
38) Bromodichloromethane	9.642	83	165611	25.113	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	183443	24.060	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	185265	55.419	ug/L	99
42) Toluene	10.386	91	475243	24.084	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	152102	23.627	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	92148	24.531	ug/L	95
46) Tetrachloroethene	10.861	164	70620	19.727	ug/L	88
48) 2-Hexanone	10.965	43	123806	52.193	ug/L	100
49) Dibromochloromethane	11.129	129	91827	23.385	ug/L	100
50) 1,2-Dibromoethane	11.233	107	80533	23.883	ug/L	96
51) Chlorobenzene	11.654	112	273501	21.344	ug/L	99
52) Ethylbenzene	11.727	91	481450	21.494	ug/L	96
53) m,p-Xylene	11.836	106	172774	21.117	ug/L	99
54) o-Xylene	12.160	106	166376	21.758	ug/L	97
55) Styrene	12.178	104	278524	20.891	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	96597	20.789	ug/L	99
59) Bromoform	12.342	173	47747	31.550	ug/L	98
60) Isopropylbenzene	12.458	105	405662	27.572	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76728	31.858	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	270458	25.382	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	289655	25.265	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	139454	21.902	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	142733	21.070	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	123740	21.022	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	14220	25.301	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	58109	13.523	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	42200	12.115	ug/L	96
71) Naphthalene	15.360	128	108124	15.727	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	35034	11.038	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



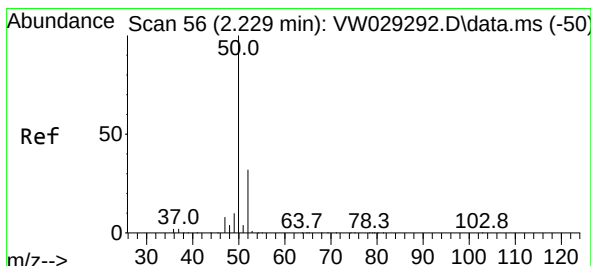
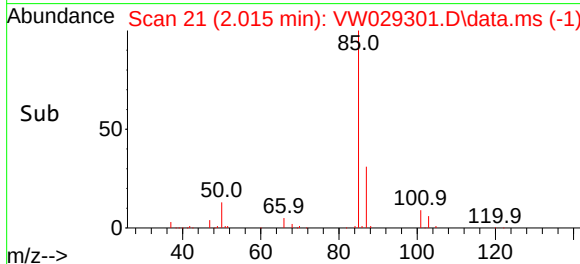
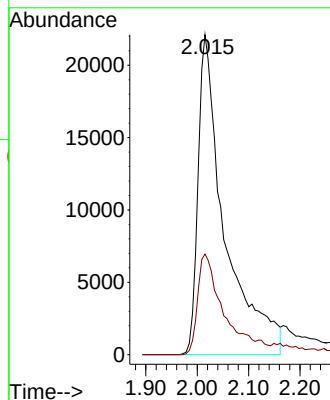
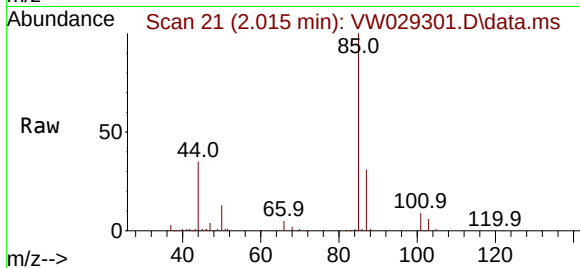
#2
Dichlorodifluoromethane
Concen: 19.129 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS

Tgt Ion: 85 Resp: 7927
Ion Ratio Lower Upper
85 100
87 29.8 23.8 35.6

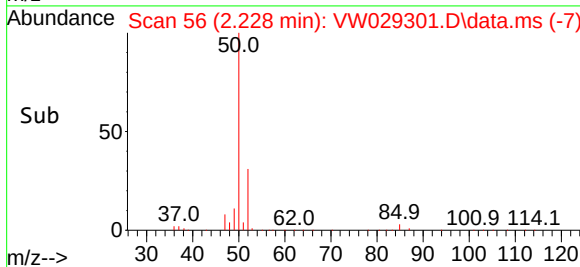
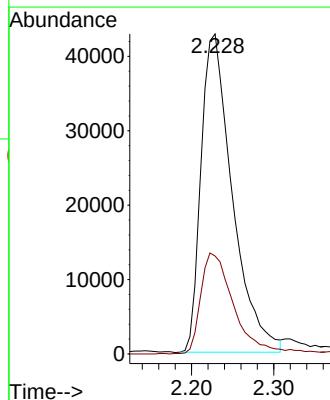
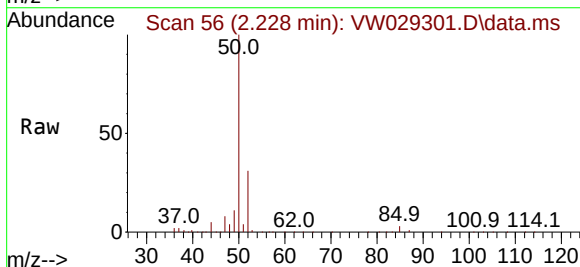
Manual Integrations
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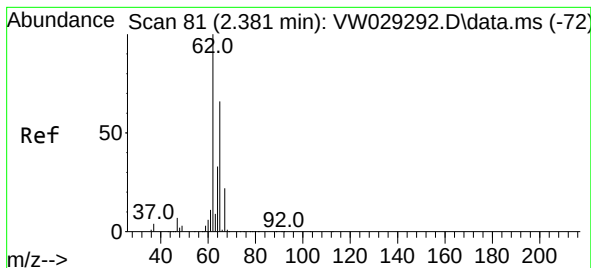
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#3
Chloromethane
Concen: 19.191 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

Tgt Ion: 50 Resp: 113401
Ion Ratio Lower Upper
50 100
52 30.6 22.3 41.5





#5

Vinyl chloride

Concen: 19.269 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

A4CT2MS

Tgt Ion: 62 Resp: 130759

Ion Ratio Lower Upper

62 100

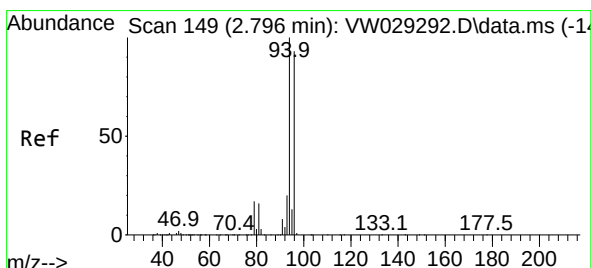
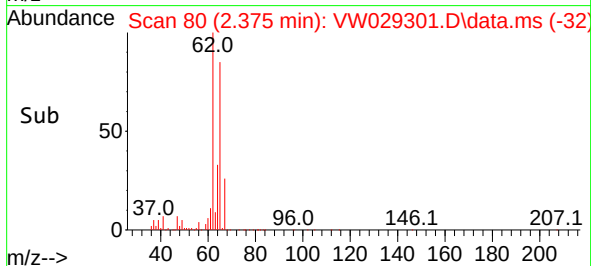
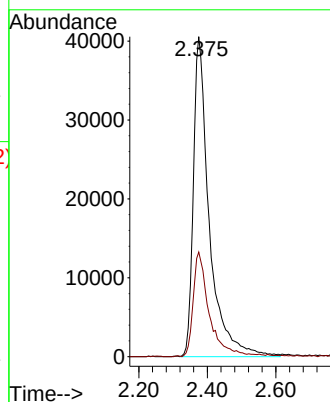
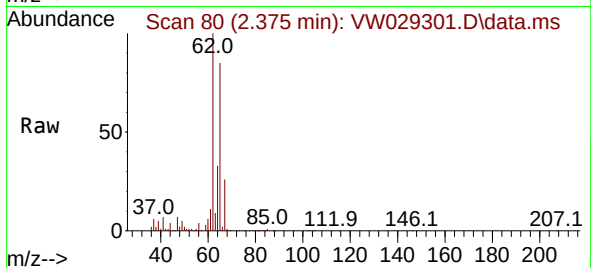
64 32.7 22.0 40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024

Supervised By :Mahesh Dadoda 06/25/2024



#6

Bromomethane

Concen: 17.374 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW029301.D

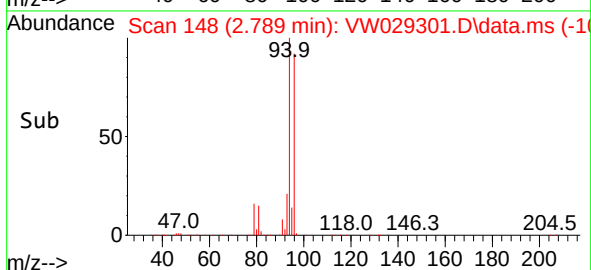
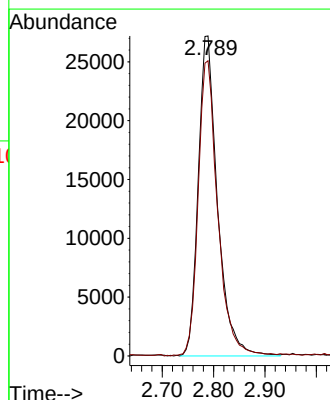
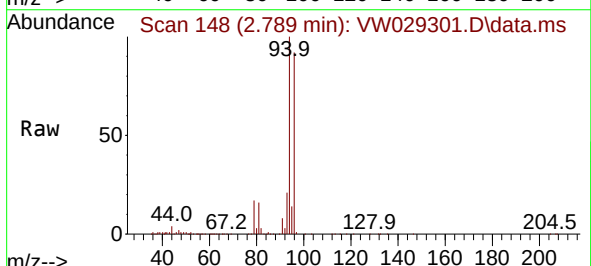
Acq: 21 Jun 2024 14:46

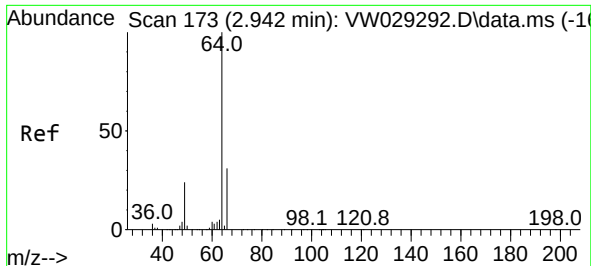
Tgt Ion: 94 Resp: 70862

Ion Ratio Lower Upper

94 100

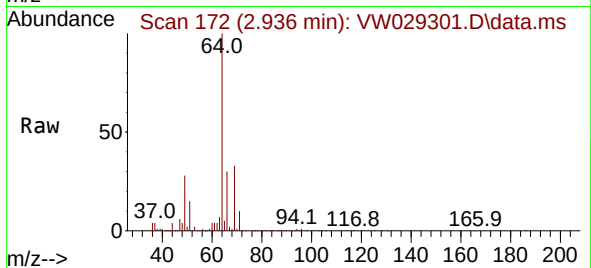
96 92.3 69.5 129.1





#8
Chloroethane
Concen: 19.610 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

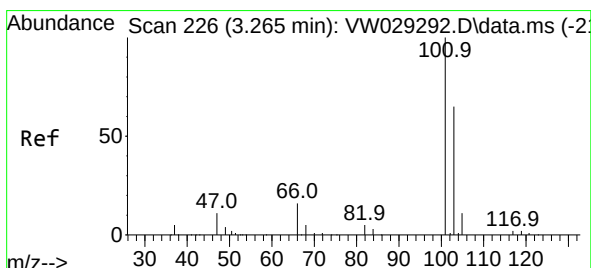
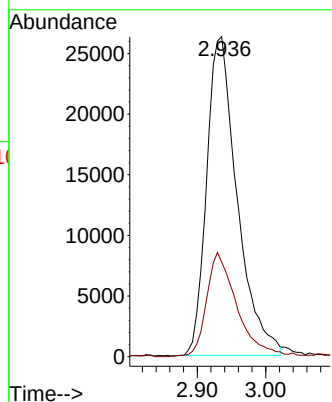
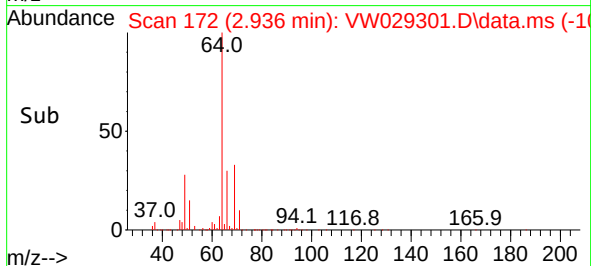
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 64 Resp: 81394
Ion Ratio Lower Upper
64 100
66 29.6 22.5 41.9

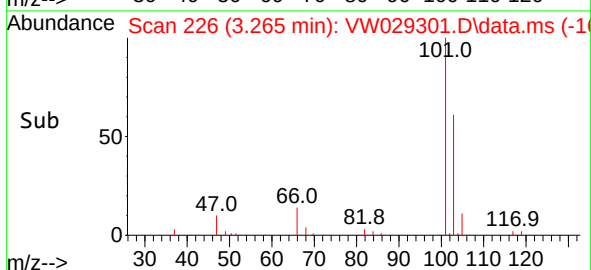
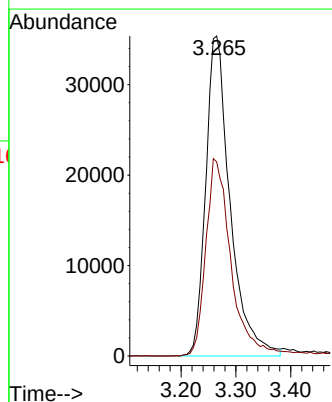
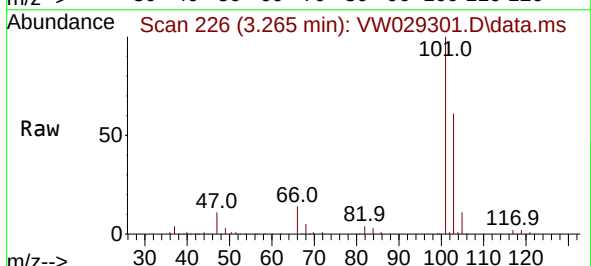
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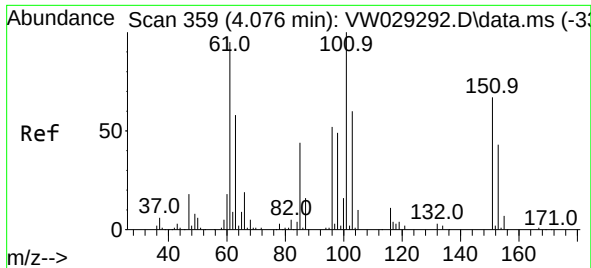
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#9
Trichlorofluoromethane
Concen: 20.765 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

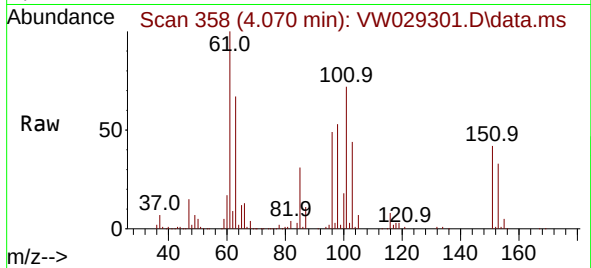
Tgt Ion:101 Resp: 109245
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.017 ug/L m
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

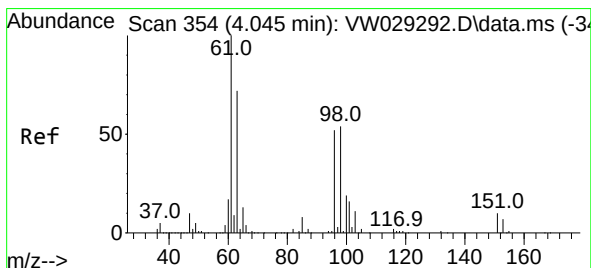
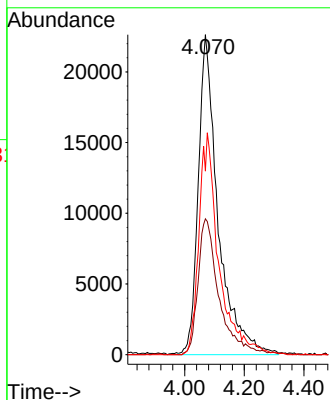
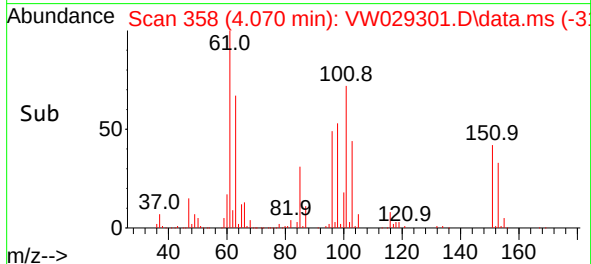
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



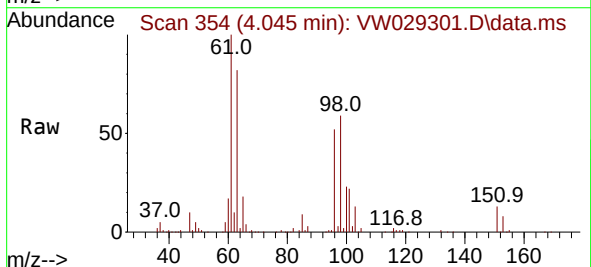
Tgt Ion:101 Resp: 104500
Ion Ratio Lower Upper
101 100
85 42.1 30.2 45.2
151 25.1 52.2 78.4

Manual Integrations
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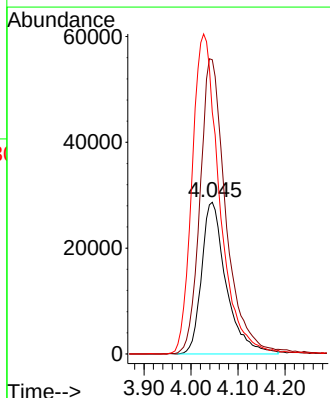
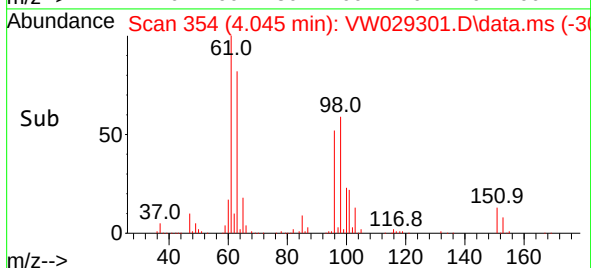
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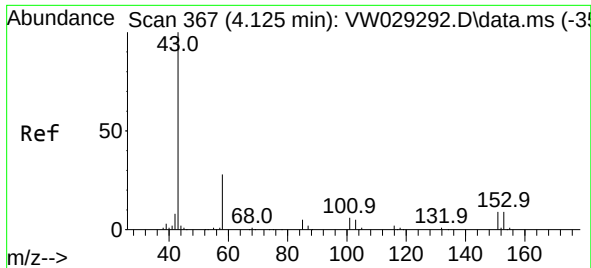


#12
1,1-Dichloroethene
Concen: 21.160 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



Tgt Ion: 96 Resp: 104147
Ion Ratio Lower Upper
96 100
61 193.9 140.1 260.3
63 159.5 122.0 226.6





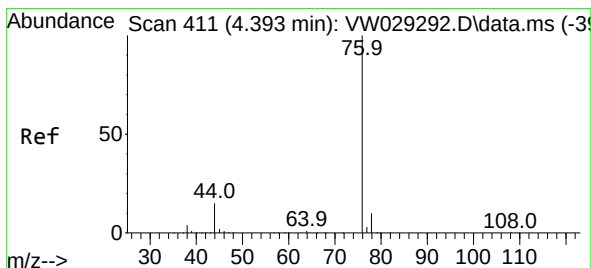
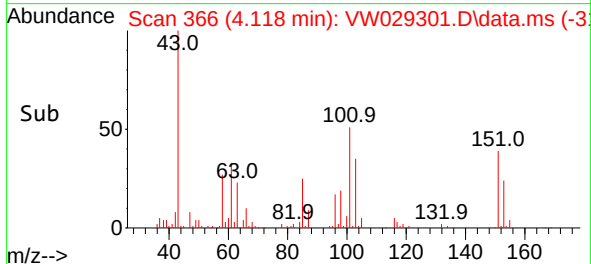
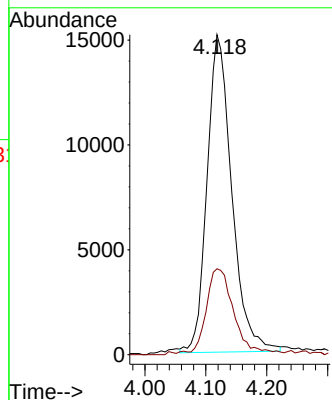
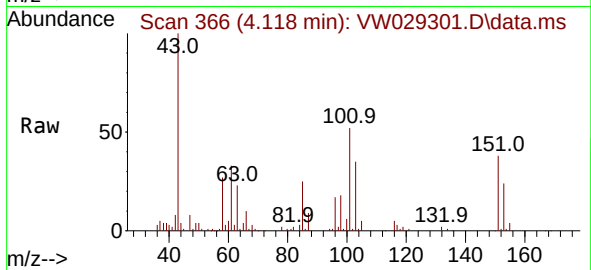
#13
Acetone
Concen: 28.505 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS

Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 26.9 0.0 61.4

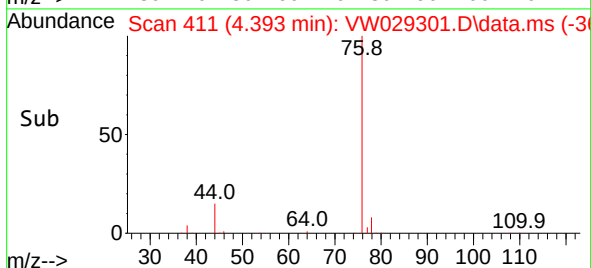
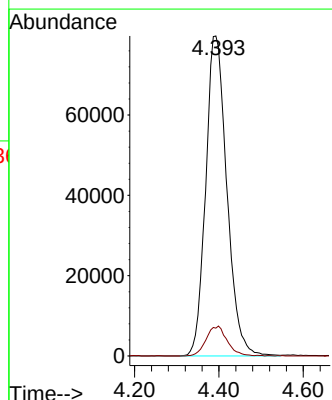
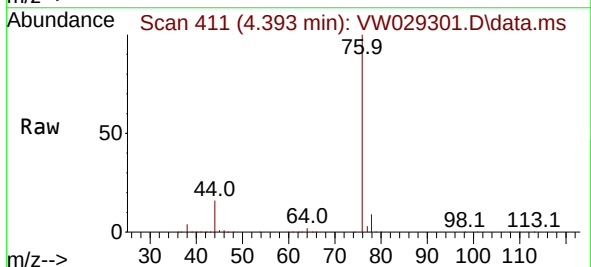
Manual Integrations
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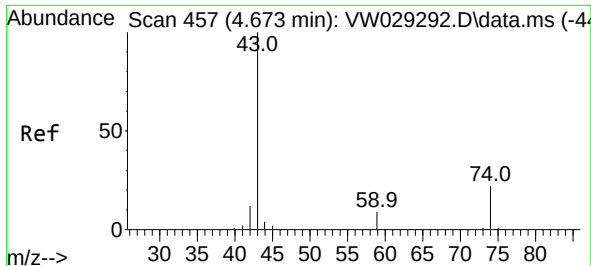
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#14
Carbon disulfide
Concen: 17.351 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

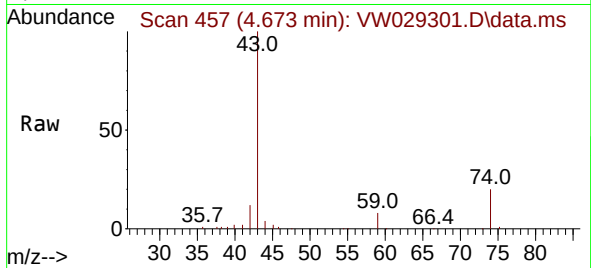
Tgt Ion: 76 Resp: 278774
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8





#15
Methyl Acetate
Concen: 16.381 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

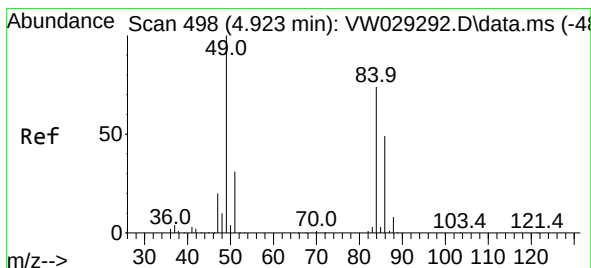
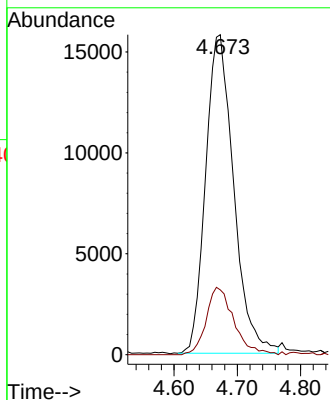
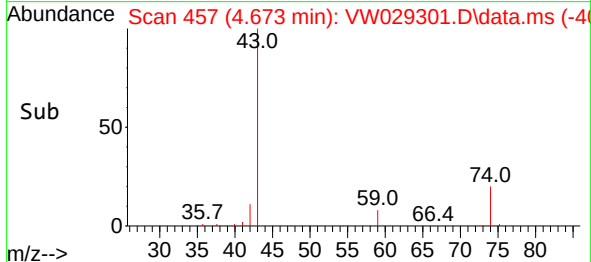
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



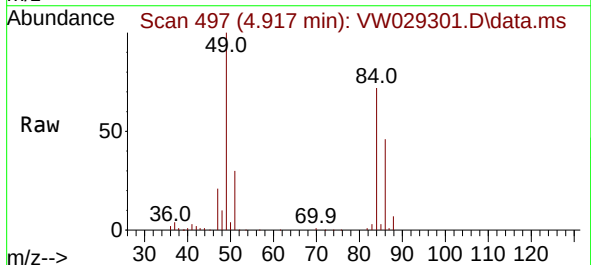
Tgt Ion: 43 Resp: 4861
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0

Manual Integrations
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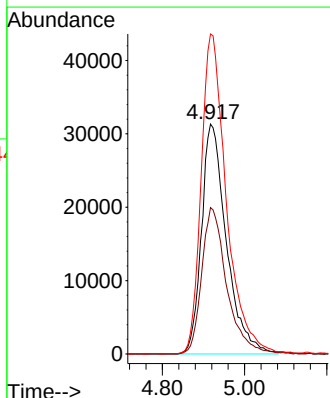
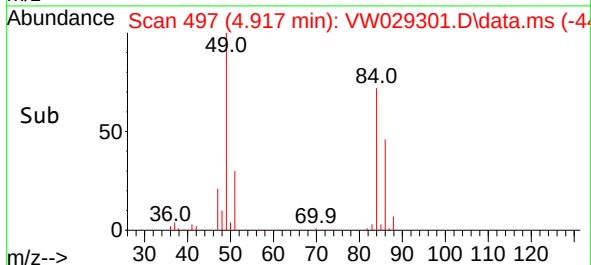
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

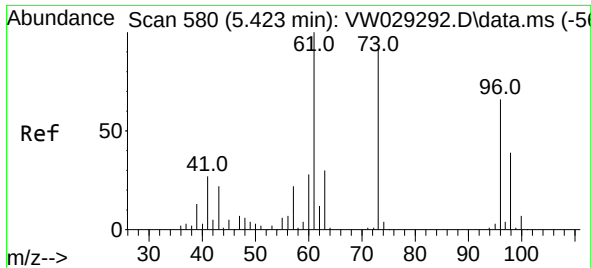


#16
Methylene chloride
Concen: 17.650 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



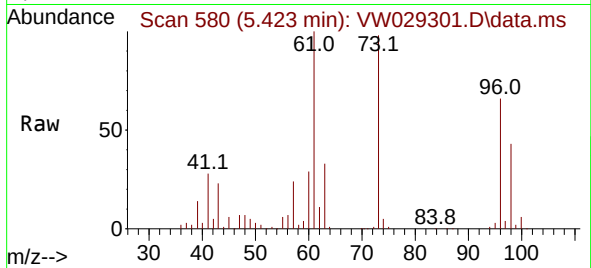
Tgt Ion: 84 Resp: 131830
Ion Ratio Lower Upper
84 100
86 63.7 41.4 77.0
49 139.2 95.7 177.7





#17
trans-1,2-Dichloroethene
Concen: 21.328 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

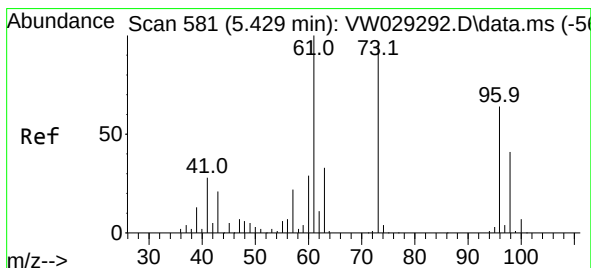
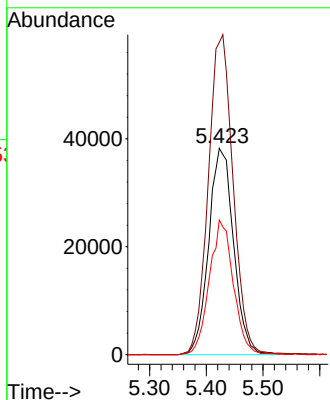
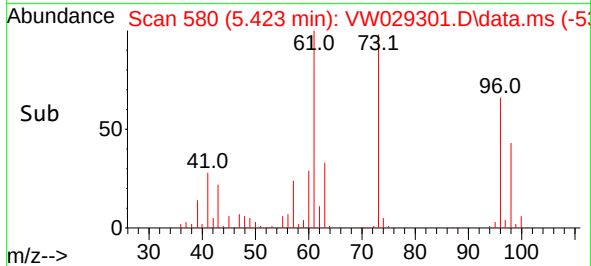
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 96 Resp: 116579
Ion Ratio Lower Upper
96 100
61 151.4 101.5 188.5
98 65.3 43.3 80.3

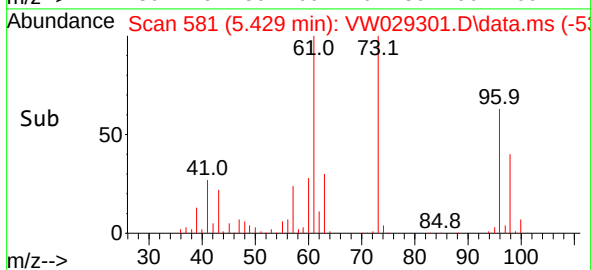
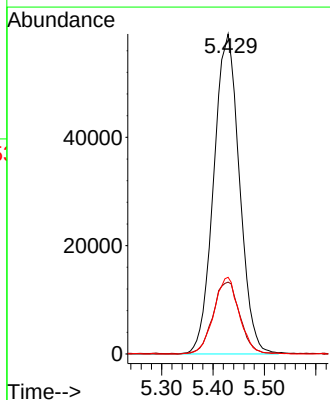
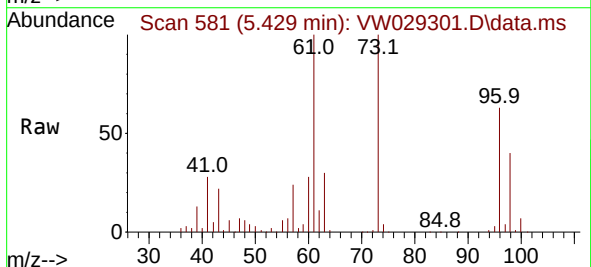
Manual Integrations
APPROVED

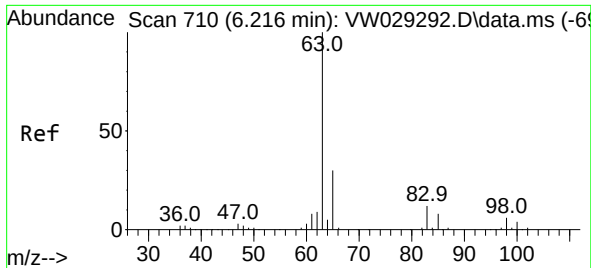
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#18
Methyl tert-butyl Ether
Concen: 23.521 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

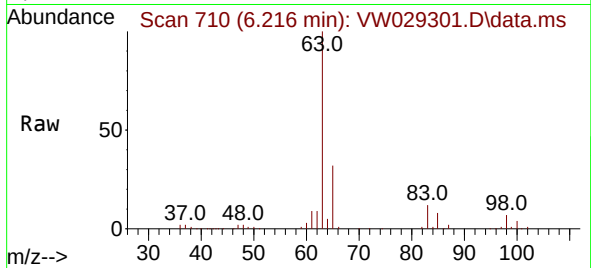
Tgt Ion: 73 Resp: 205692
Ion Ratio Lower Upper
73 100
43 23.4 19.5 29.3
57 23.5 18.4 27.6





#19
1,1-Dichloroethane
Concen: 21.618 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

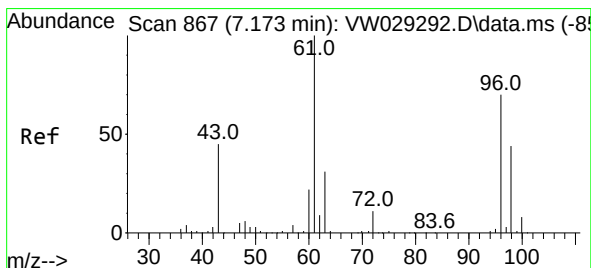
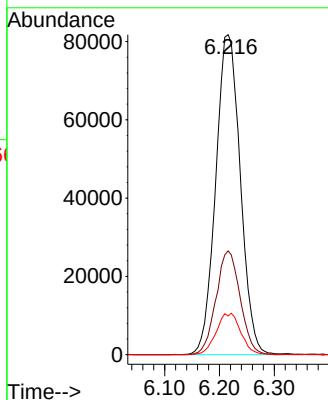
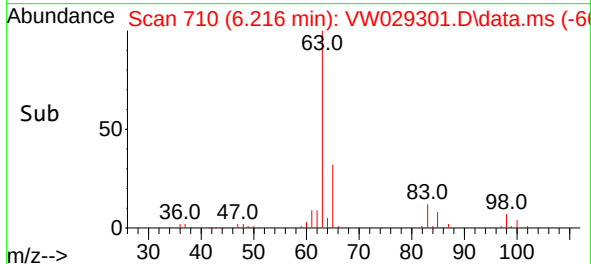
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 63 Resp: 25520
Ion Ratio Lower Upper
63 100
65 32.5 23.4 43.4
83 12.1 8.9 16.5

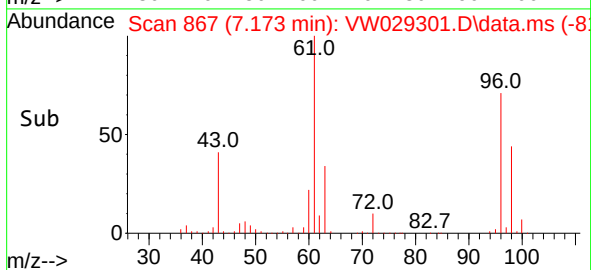
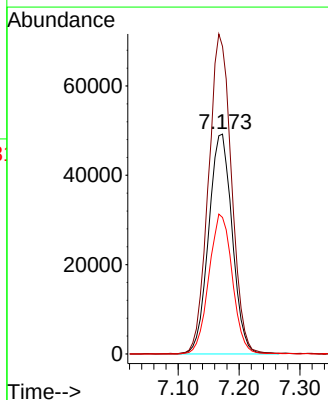
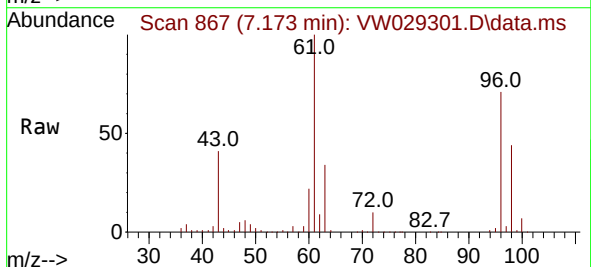
Manual Integrations
APPROVED

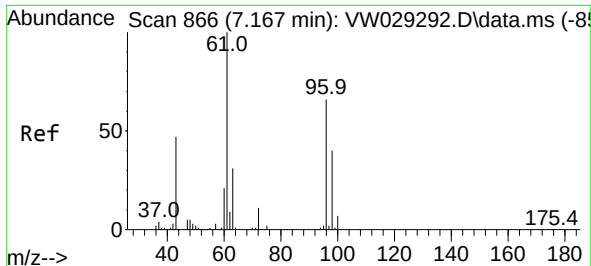
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#20
cis-1,2-Dichloroethene
Concen: 21.967 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

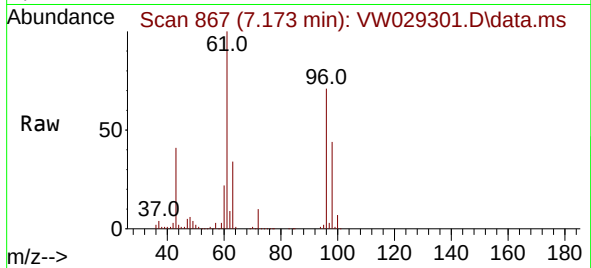
Tgt Ion: 96 Resp: 132408
Ion Ratio Lower Upper
96 100
61 139.9 97.8 181.6
98 62.1 43.0 79.8





#22
2-Butanone
Concen: 38.420 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

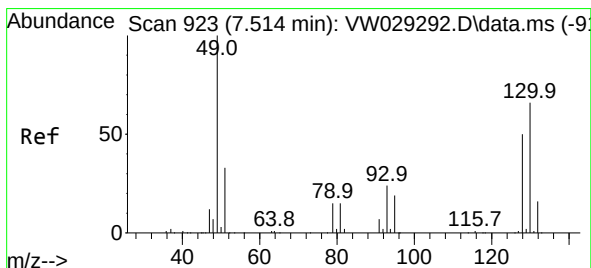
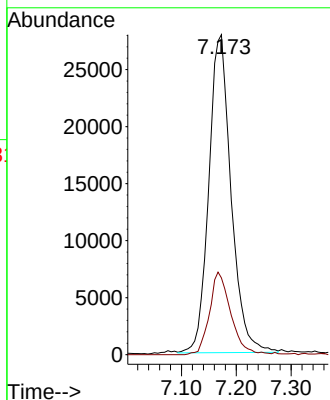
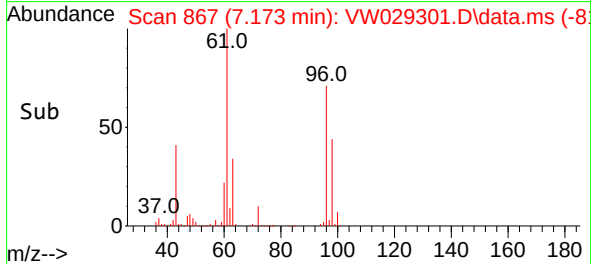
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 43 Resp: 7872
Ion Ratio Lower Upper
43 100
72 24.5 11.9 35.7

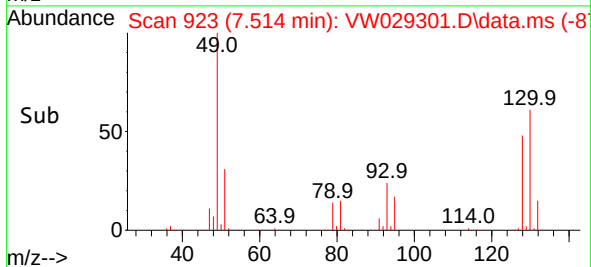
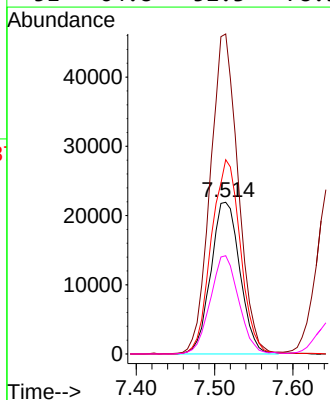
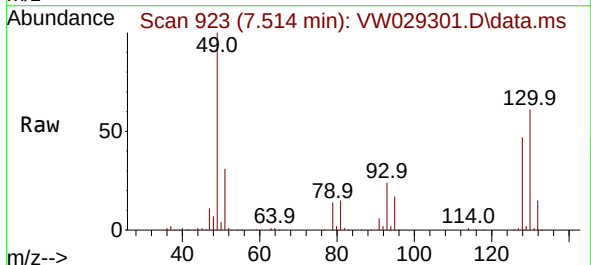
Manual Integrations
APPROVED

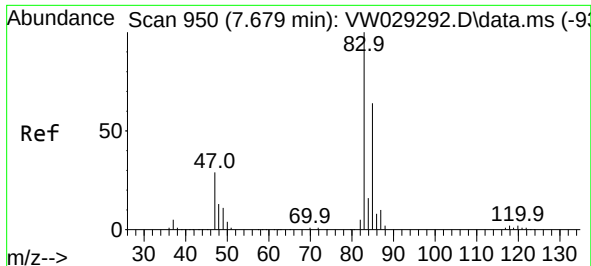
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#23
Bromochloromethane
Concen: 21.096 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

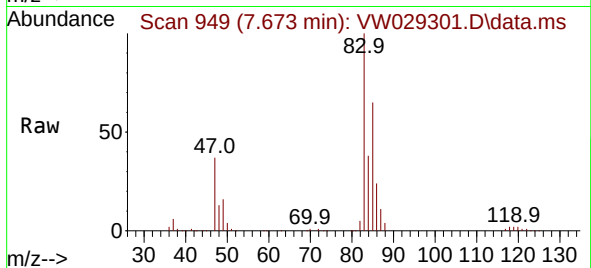
Tgt Ion:128 Resp: 56604
Ion Ratio Lower Upper
128 100
49 211.0 142.6 264.8
130 128.1 79.7 148.1
51 64.8 52.3 78.5





#25
Chloroform
Concen: 21.014 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

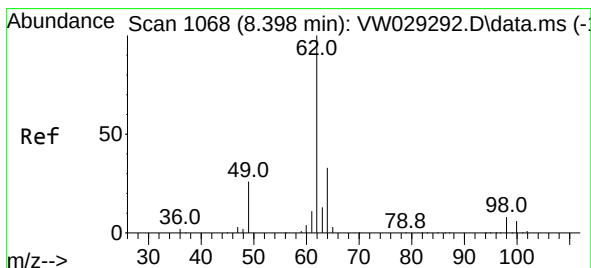
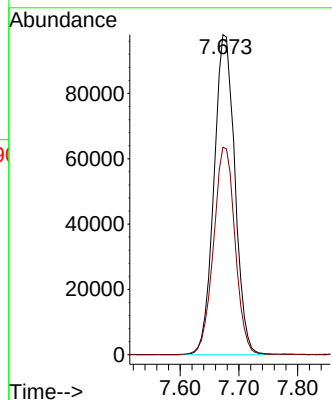
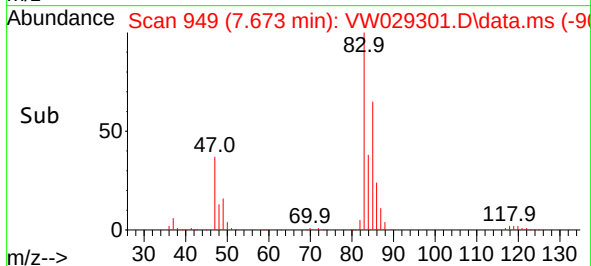
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 83 Resp: 24224
Ion Ratio Lower Upper
83 100
85 64.9 44.4 82.4

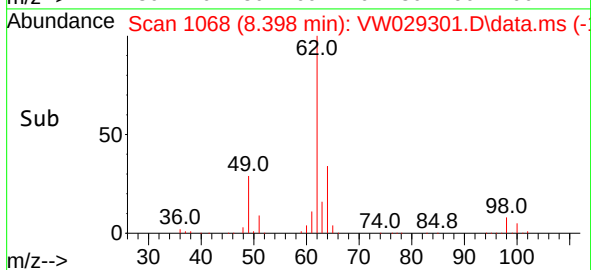
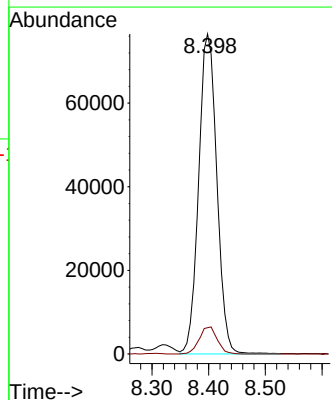
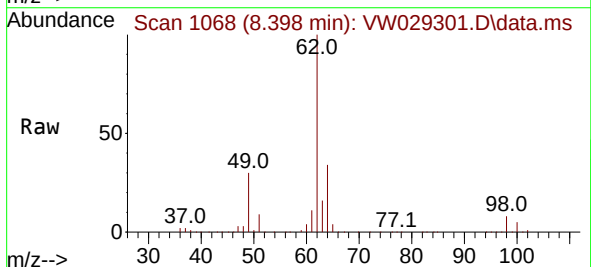
Manual Integrations
APPROVED

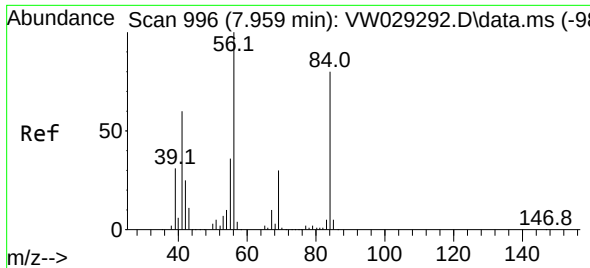
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#27
1,2-Dichloroethane
Concen: 20.069 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

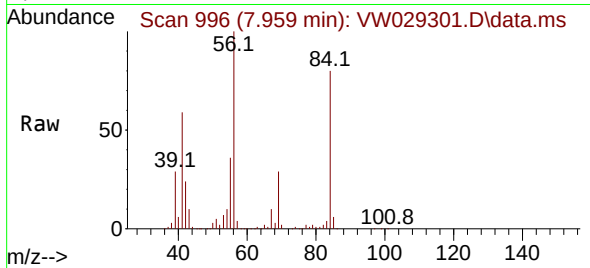
Tgt Ion: 62 Resp: 170626
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0





#29
Cyclohexane
Concen: 20.588 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

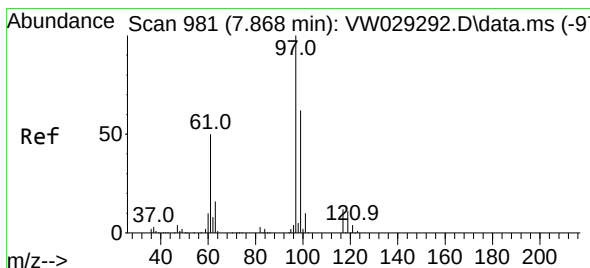
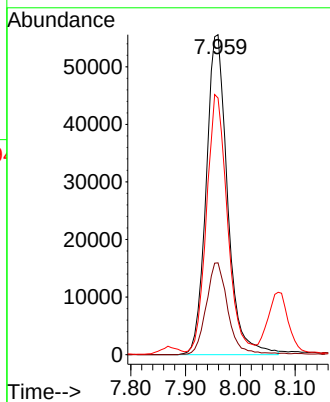
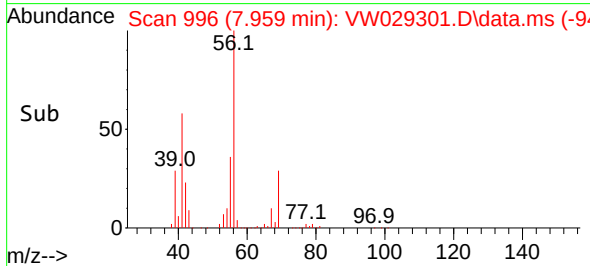
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 56 Resp: 150358
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 78.9 64.5 96.7

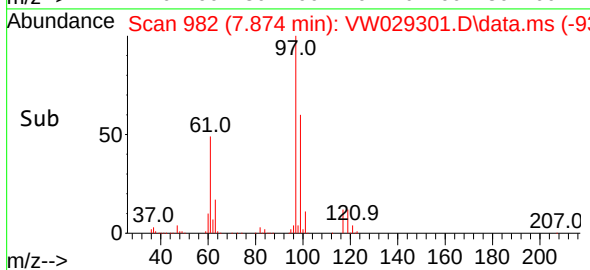
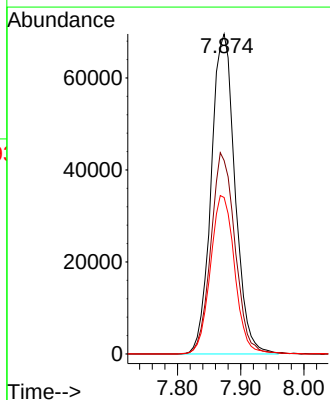
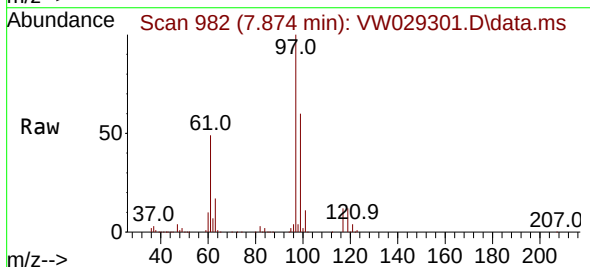
Manual Integrations
APPROVED

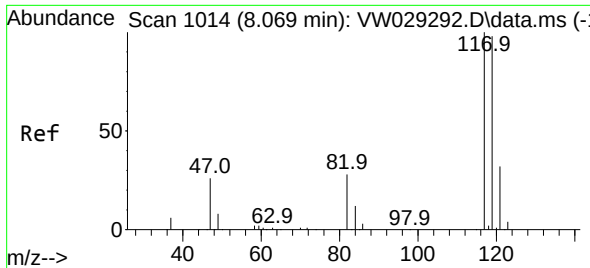
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#30
1,1,1-Trichloroethane
Concen: 25.605 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

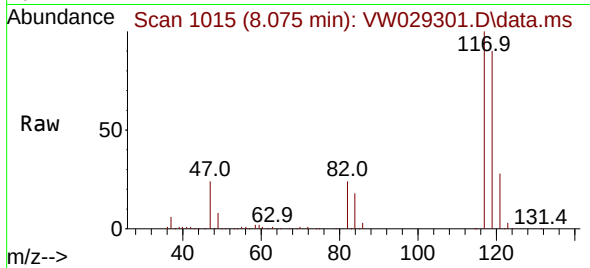
Tgt Ion: 97 Resp: 181892
Ion Ratio Lower Upper
97 100
99 63.8 53.0 79.4
61 50.6 43.0 64.4





#31
Carbon tetrachloride
Concen: 23.586 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

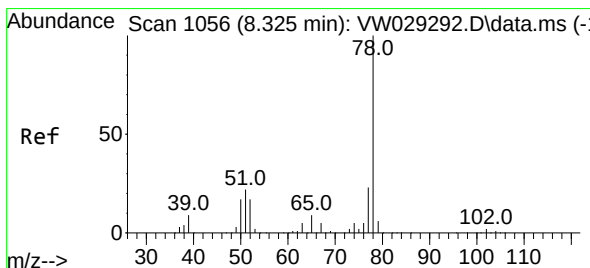
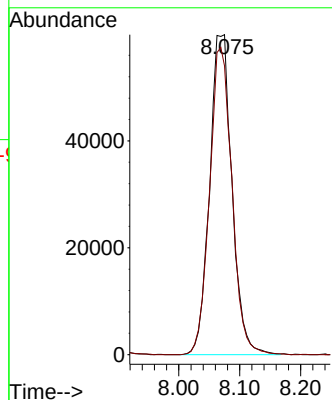
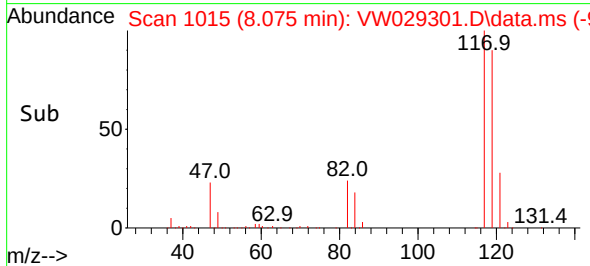
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion:117 Resp: 15305
Ion Ratio Lower Upper
117 100
119 95.9 79.0 118.4

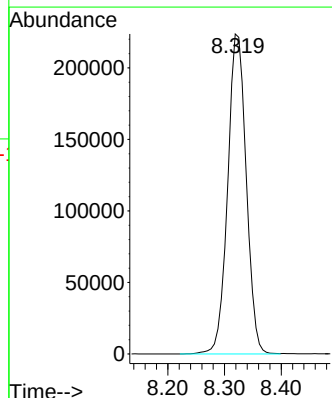
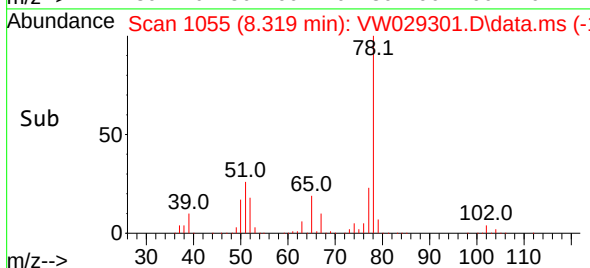
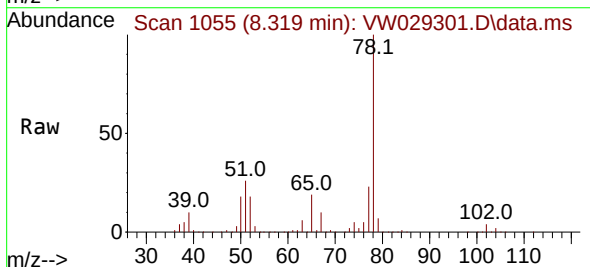
Manual Integrations
APPROVED

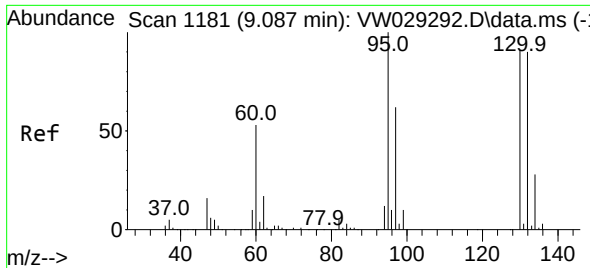
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#33
Benzene
Concen: 26.486 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

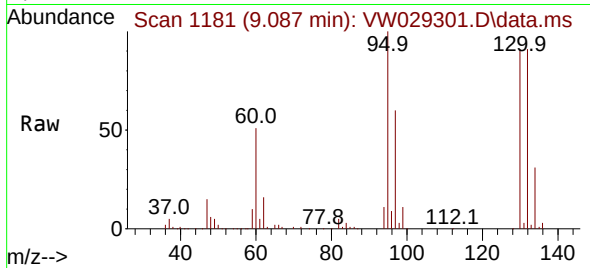
Tgt Ion: 78 Resp: 508392





#34
Trichloroethene
Concen: 23.651 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

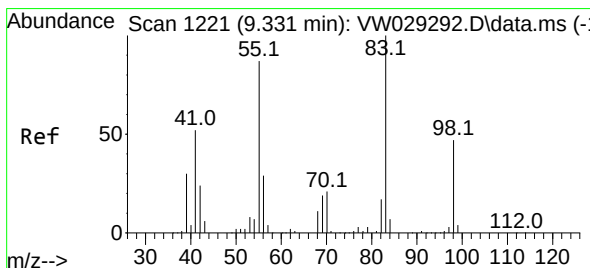
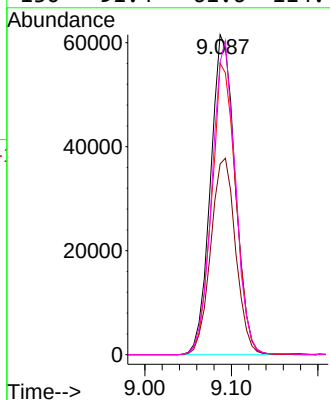
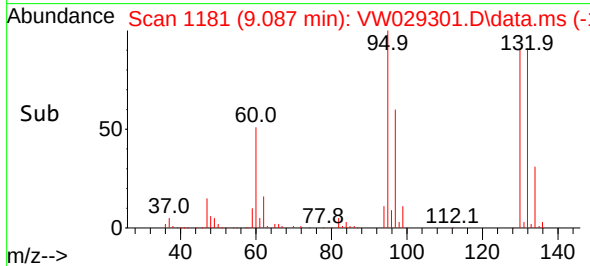
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



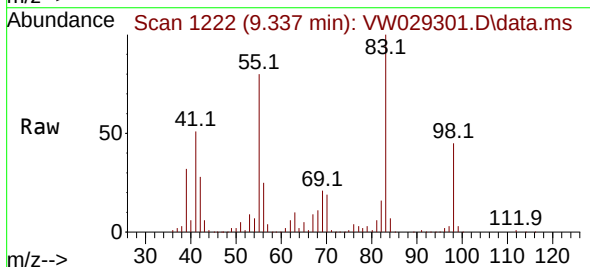
Tgt Ion: 95 Resp: 121118
Ion Ratio Lower Upper
95 100
97 59.6 45.7 84.9
132 91.1 66.4 123.4
130 91.4 61.6 114.4

Manual Integrations
APPROVED

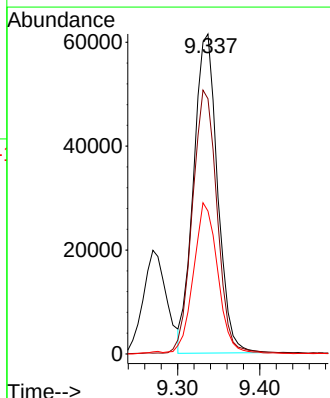
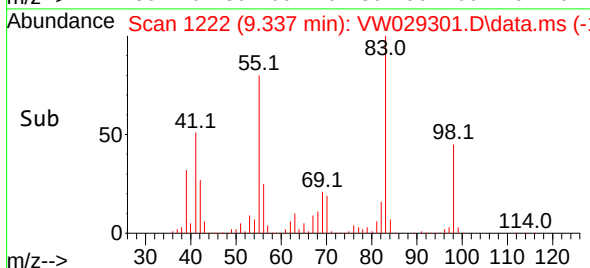
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

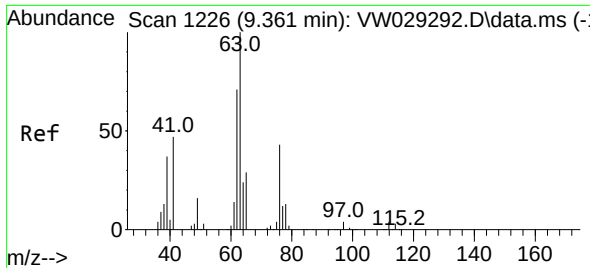


#35
Methylcyclohexane
Concen: 15.432 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



Tgt Ion: 83 Resp: 124281
Ion Ratio Lower Upper
83 100
55 85.9 69.5 104.3
98 47.8 38.0 57.0





#37

1,2-Dichloropropane

Concen: 25.642 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

A4CT2MS

Tgt Ion: 63 Resp: 13830

Ion Ratio Lower Upper

63 100

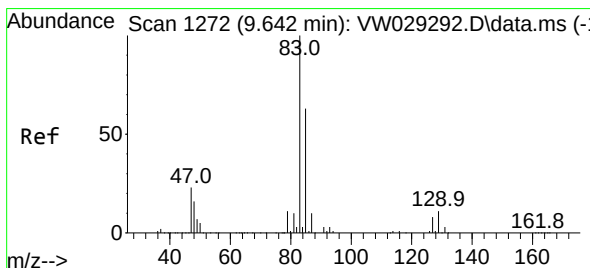
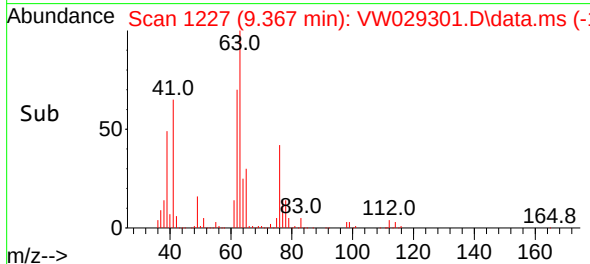
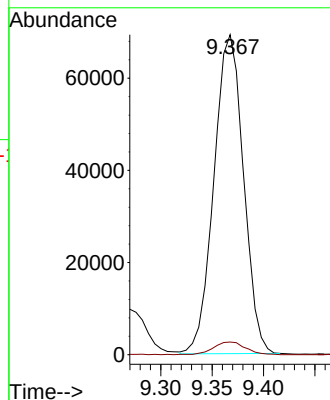
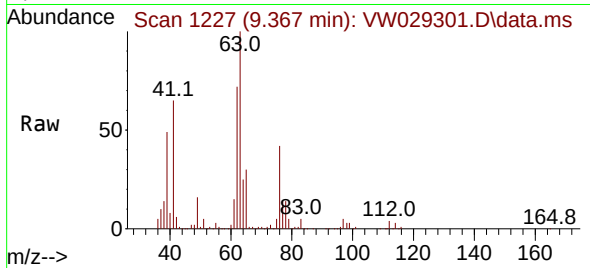
112 4.3 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024

Supervised By :Mahesh Dadoda 06/25/2024



#38

Bromodichloromethane

Concen: 25.113 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

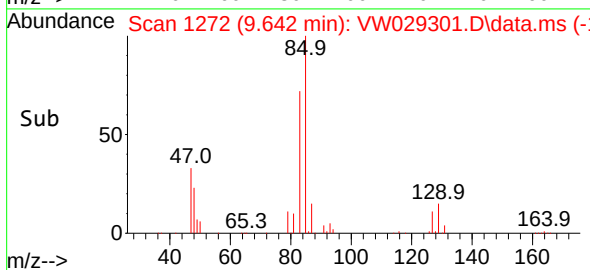
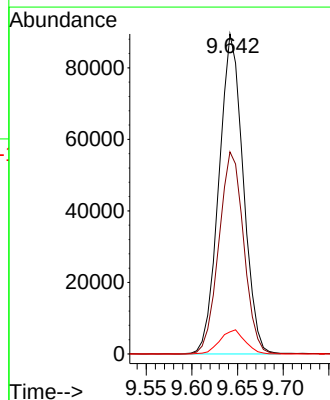
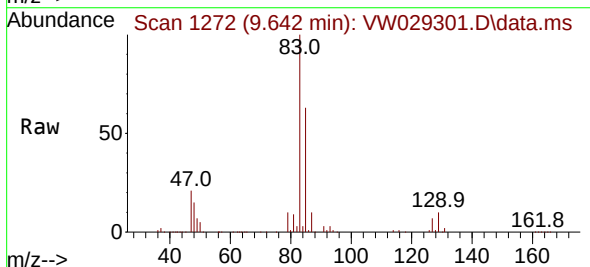
Tgt Ion: 83 Resp: 165611

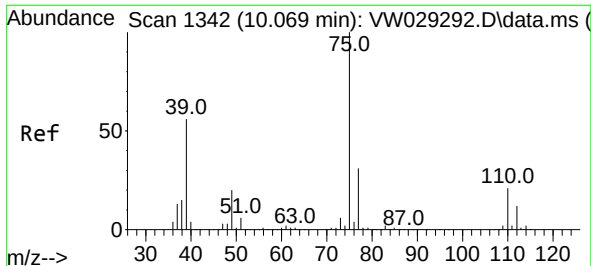
Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.9

127 6.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 24.060 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

A4CT2MS

Tgt Ion: 75 Resp: 18344

Ion Ratio Lower Upper

75 100

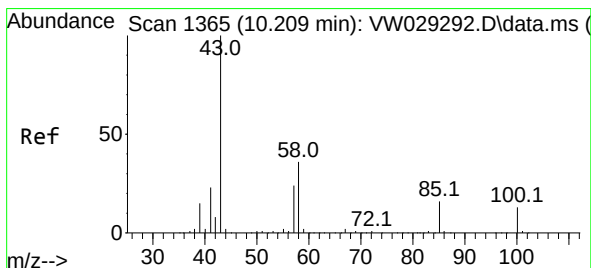
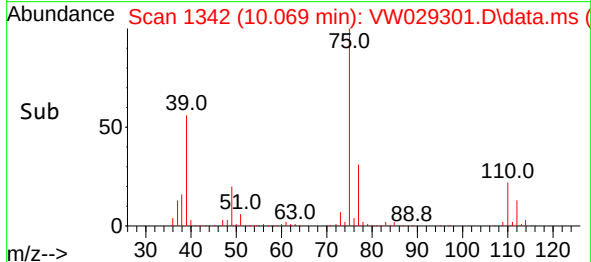
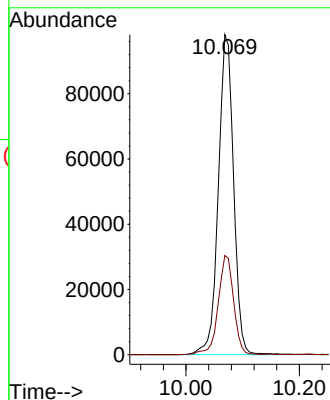
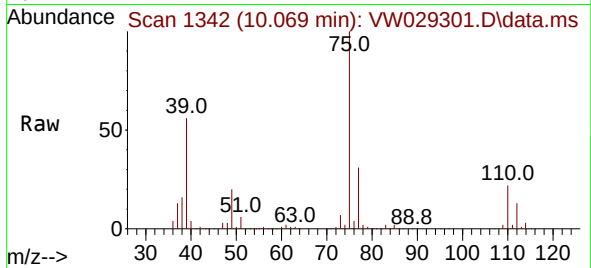
77 31.0 22.7 42.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024

Supervised By :Mahesh Dadoda 06/25/2024



#40

4-Methyl-2-pentanone

Concen: 55.419 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

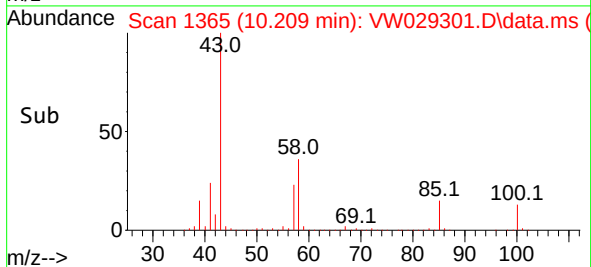
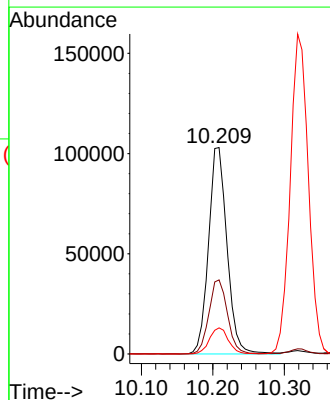
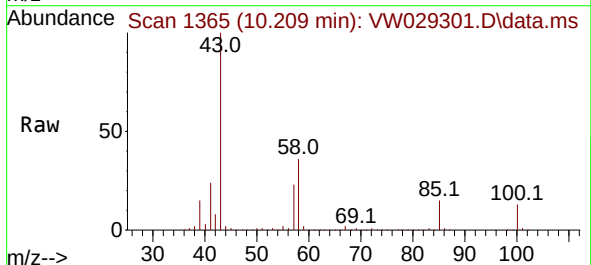
Tgt Ion: 43 Resp: 185265

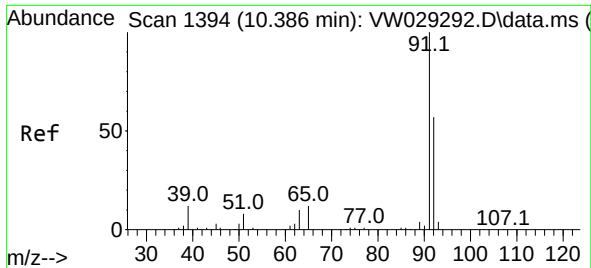
Ion Ratio Lower Upper

43 100

58 36.1 28.2 42.4

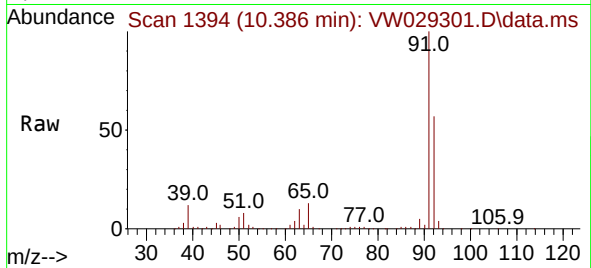
100 13.0 11.0 16.4





#42
Toluene
Concen: 24.084 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

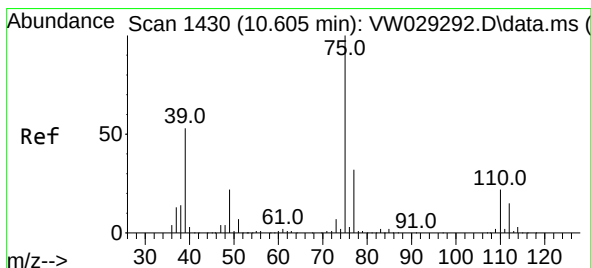
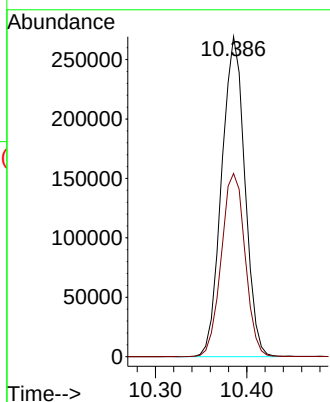
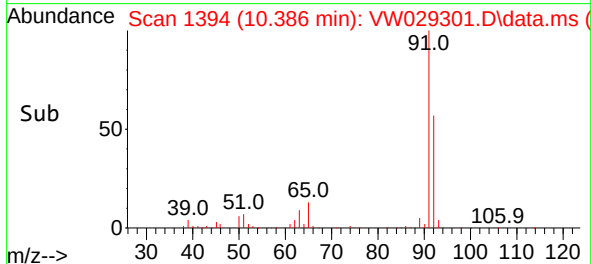
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 91 Resp: 47524
Ion Ratio Lower Upper
91 100
92 57.2 39.3 73.1

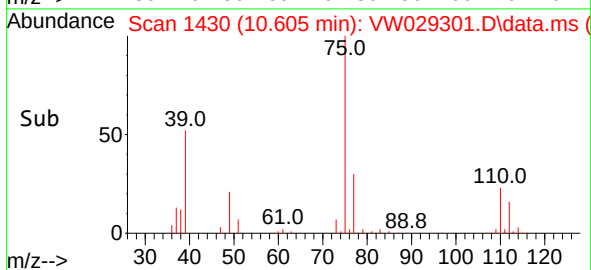
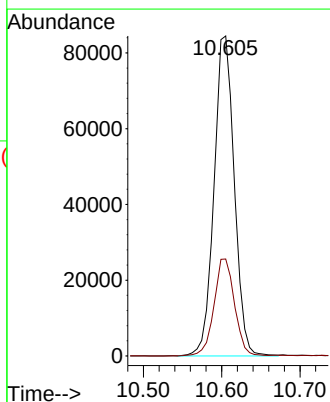
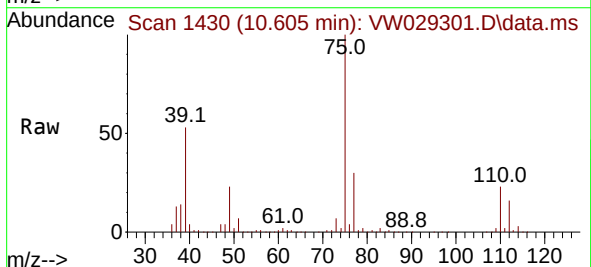
Manual Integrations
APPROVED

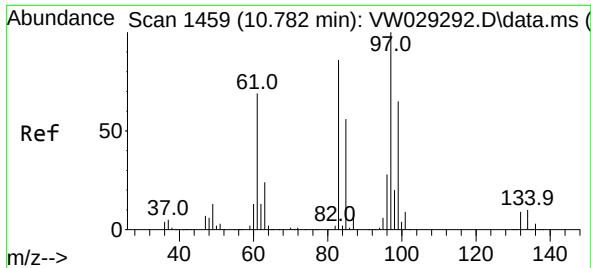
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#44
trans-1,3-Dichloropropene
Concen: 23.627 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

Tgt Ion: 75 Resp: 152102
Ion Ratio Lower Upper
75 100
77 30.3 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.531 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

A4CT2MS

Tgt Ion: 97 Resp: 92148

Ion Ratio Lower Upper

97 100

99 59.4 42.3 78.5

83 86.8 57.7 107.1

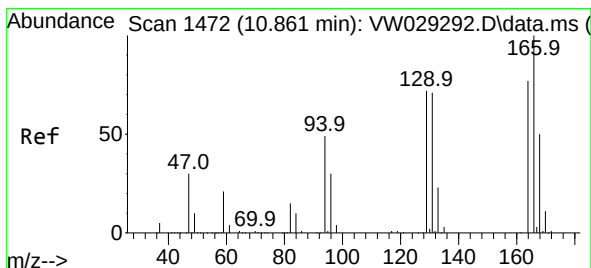
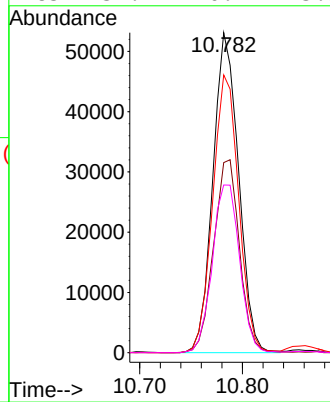
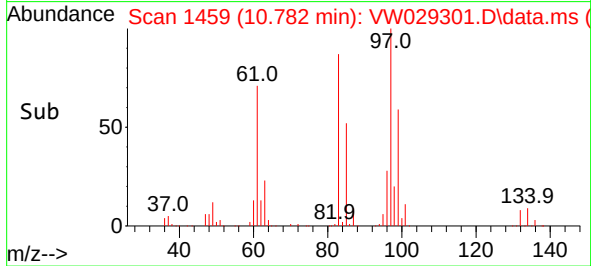
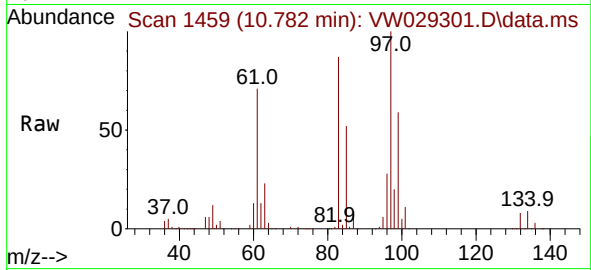
85 52.4 40.7 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024

Supervised By :Mahesh Dadoda 06/25/2024



#46

Tetrachloroethene

Concen: 19.727 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Tgt Ion:164 Resp: 70620

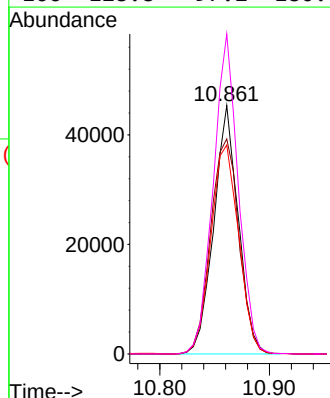
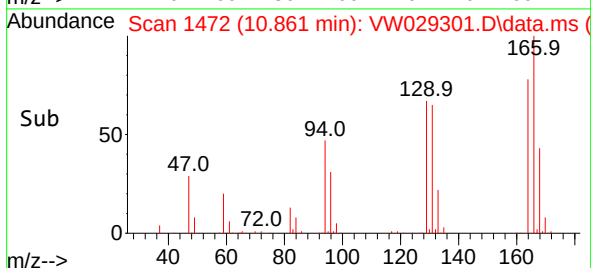
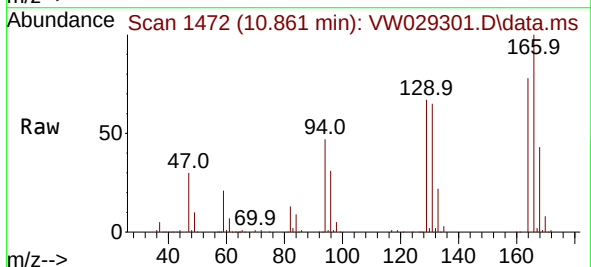
Ion Ratio Lower Upper

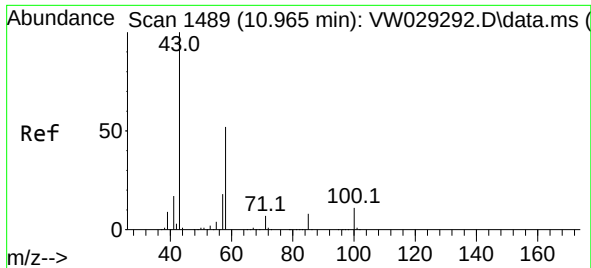
164 100

129 86.5 68.5 127.3

131 84.1 71.8 133.4

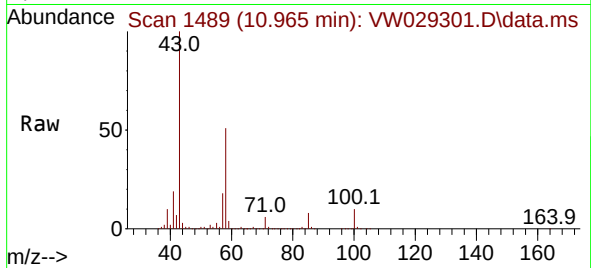
166 128.8 97.2 180.4





#48
2-Hexanone
Concen: 52.193 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

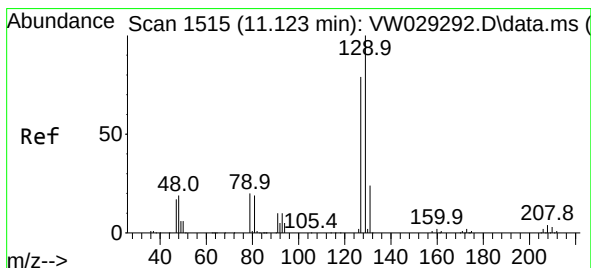
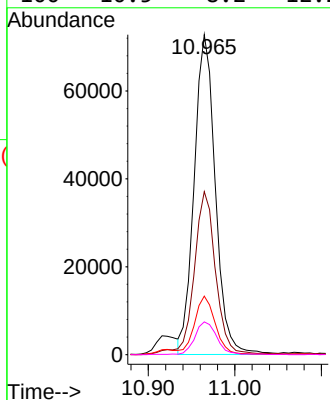
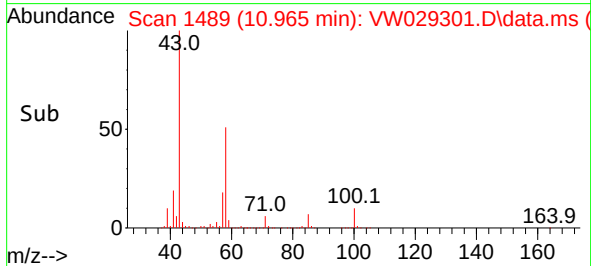
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion: 43 Resp: 123800
Ion Ratio Lower Upper
43 100
58 49.6 39.6 59.4
57 18.0 14.6 21.8
100 10.5 8.2 12.2

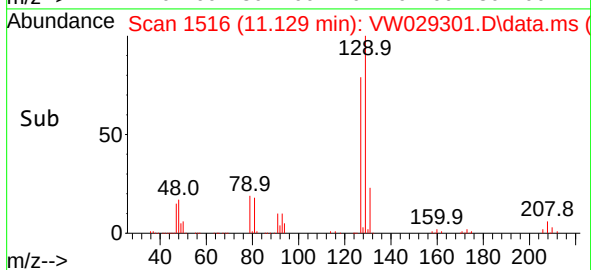
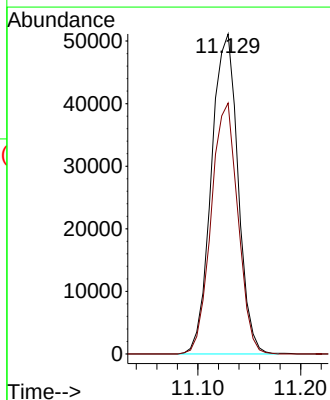
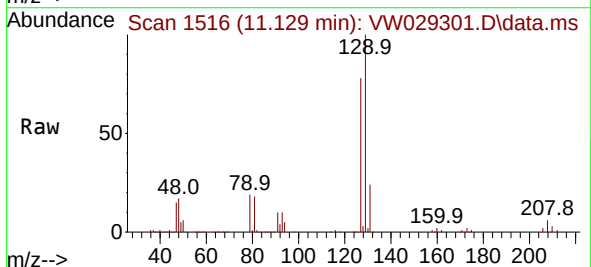
Manual Integrations
APPROVED

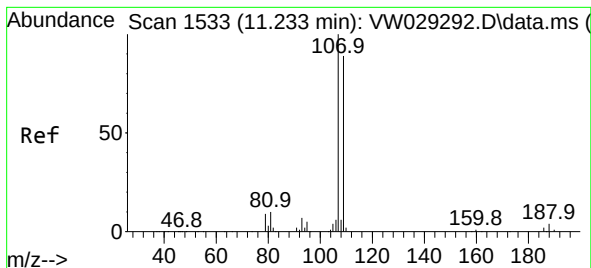
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#49
Dibromochloromethane
Concen: 23.385 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

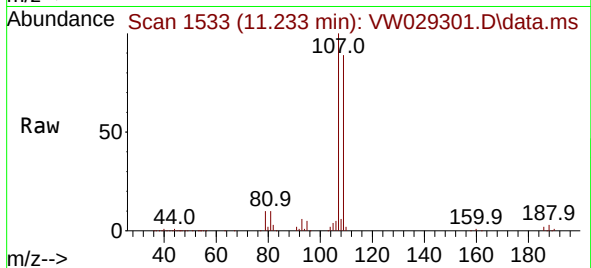
Tgt Ion:129 Resp: 91827
Ion Ratio Lower Upper
129 100
127 78.4 54.8 101.8





#50
1,2-Dibromoethane
Concen: 23.883 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

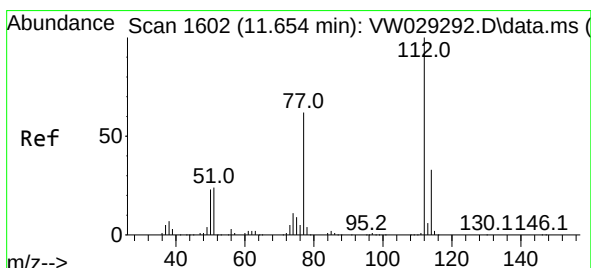
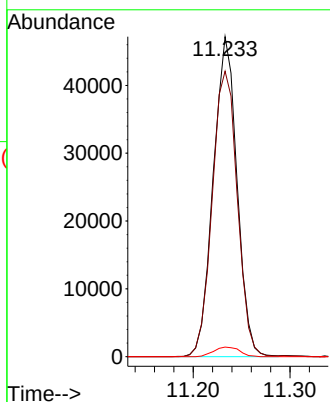
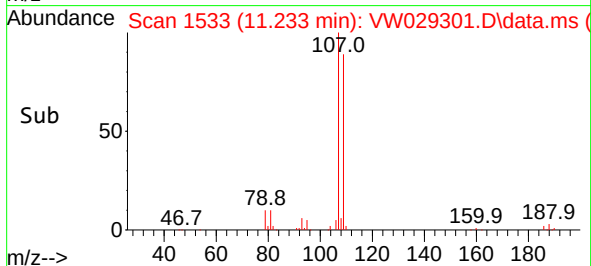
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion:107 Resp: 80533
Ion Ratio Lower Upper
107 100
109 89.2 65.5 121.6
188 3.0 2.6 4.0

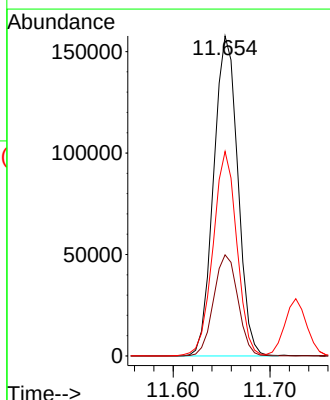
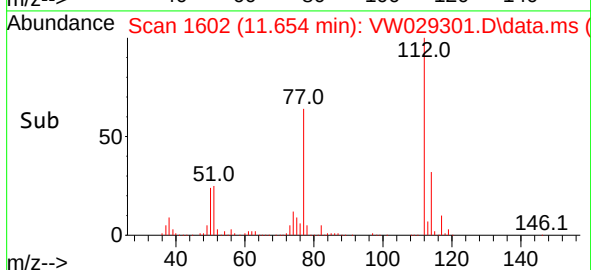
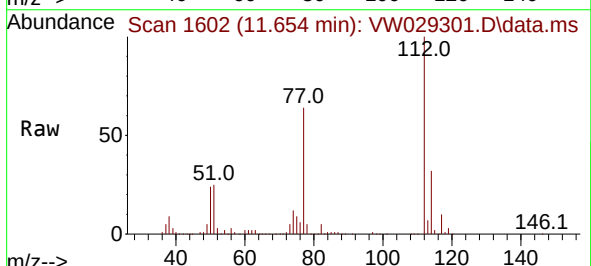
Manual Integrations
APPROVED

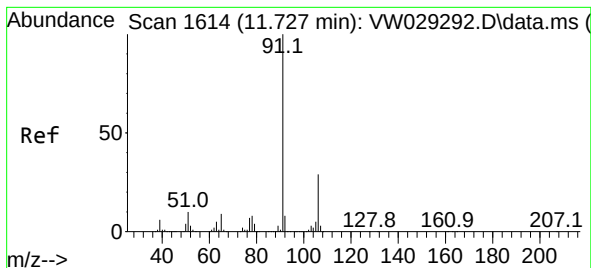
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#51
Chlorobenzene
Concen: 21.344 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

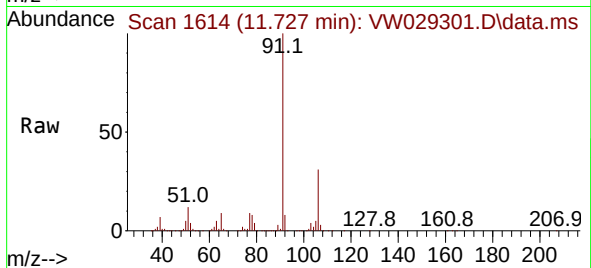
Tgt Ion:112 Resp: 273501
Ion Ratio Lower Upper
112 100
114 31.6 22.6 42.0
77 63.9 51.0 76.6





#52
Ethylbenzene
Concen: 21.494 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

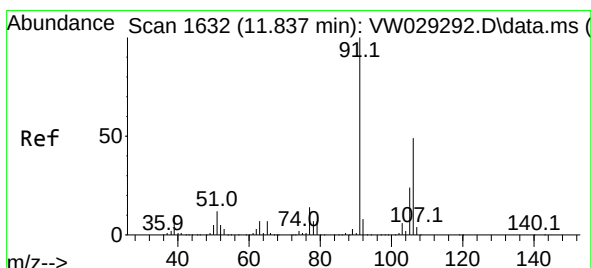
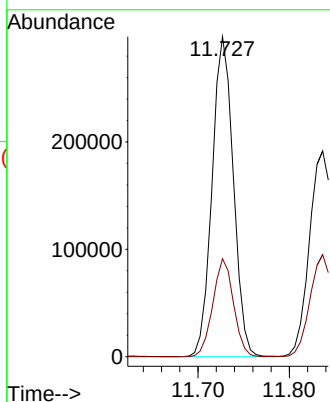
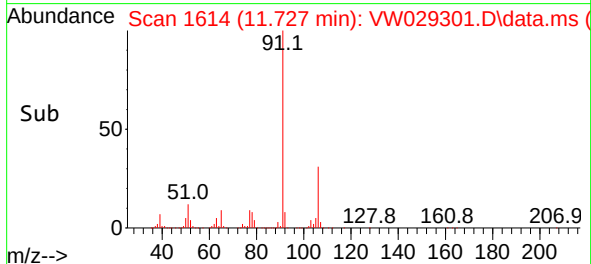
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



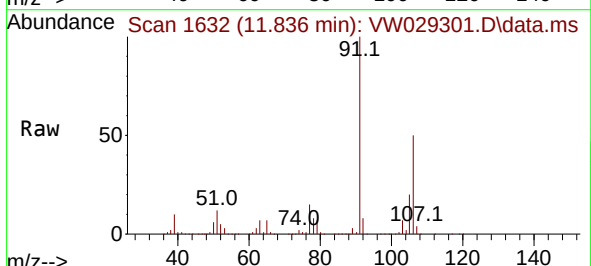
Tgt Ion: 91 Resp: 481450
Ion Ratio Lower Upper
91 100
106 30.6 19.9 37.0

Manual Integrations
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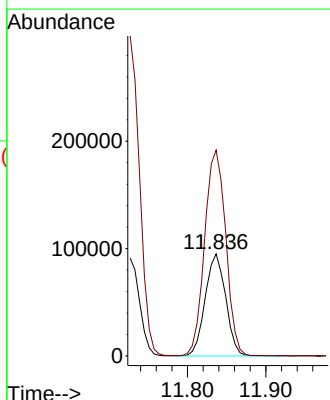
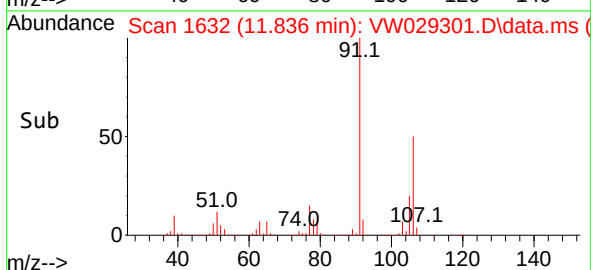
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

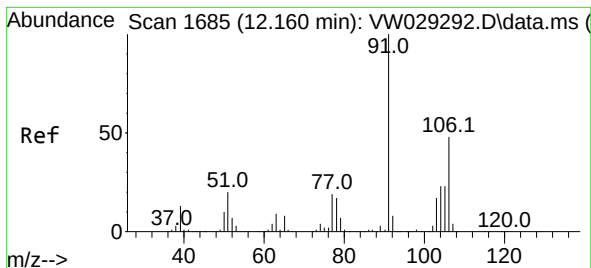


#53
m,p-Xylene
Concen: 21.117 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



Tgt Ion:106 Resp: 172774
Ion Ratio Lower Upper
106 100
91 201.7 140.5 260.9





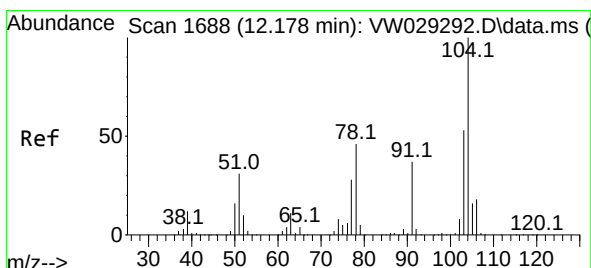
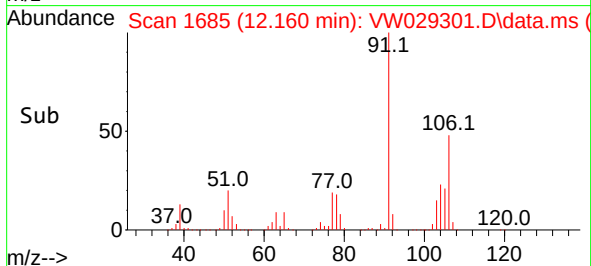
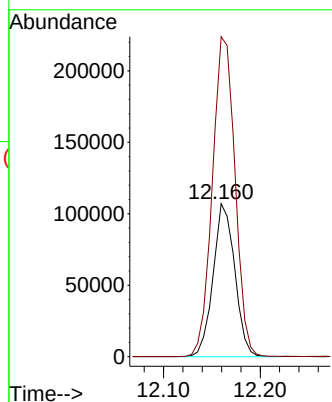
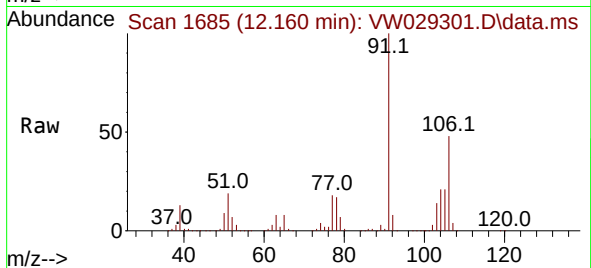
#54
o-Xylene
Concen: 21.758 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS

Tgt Ion:106 Resp: 166370
Ion Ratio Lower Upper
106 100
91 209.2 149.9 278.5

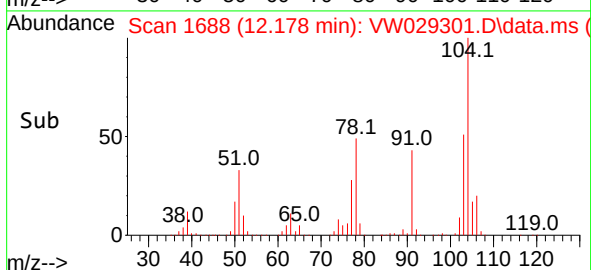
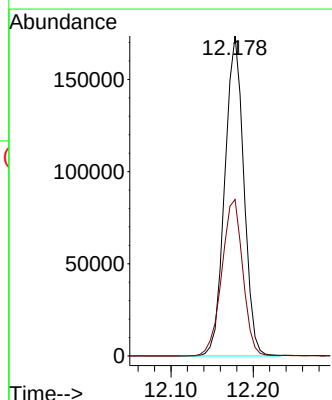
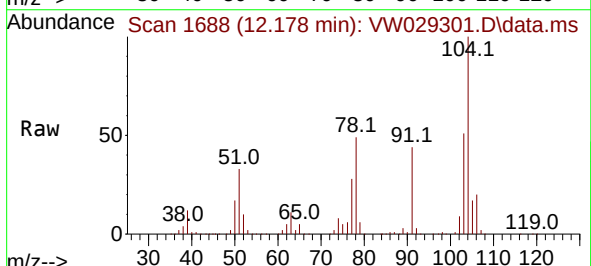
Manual Integrations
APPROVED

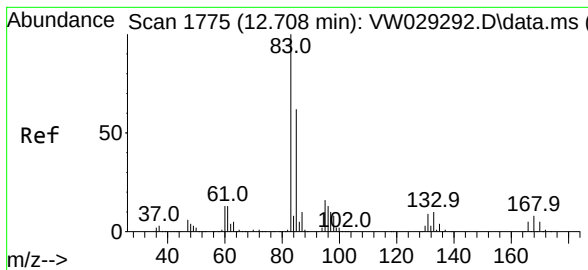
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#55
Styrene
Concen: 20.891 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

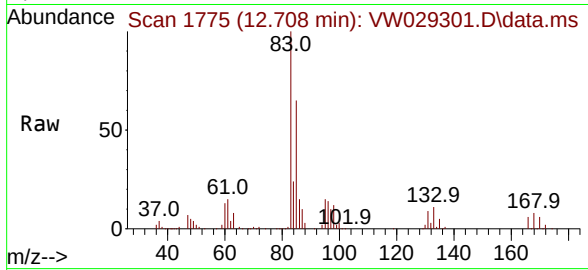
Tgt Ion:104 Resp: 278524
Ion Ratio Lower Upper
104 100
78 48.9 35.4 65.7





#57
1,1,2,2-Tetrachloroethane
Concen: 20.789 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

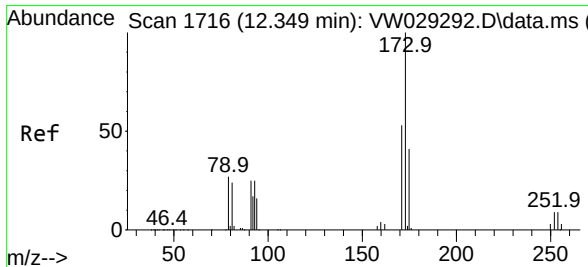
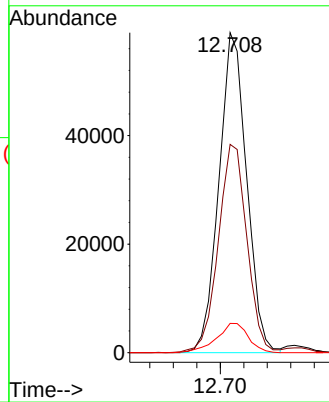
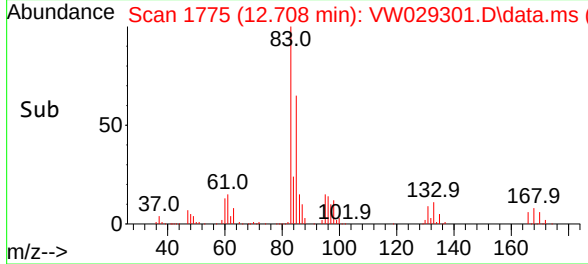
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



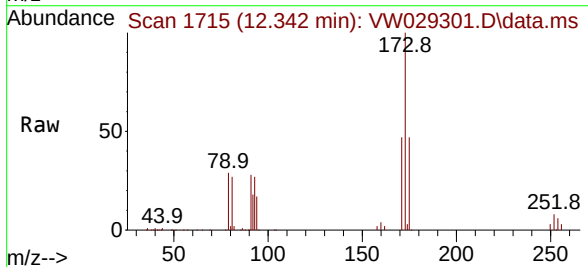
Tgt Ion: 83 Resp: 9659
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.0
131 9.2 7.8 11.6

Manual Integrations
APPROVED

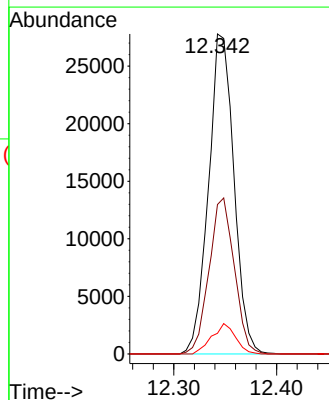
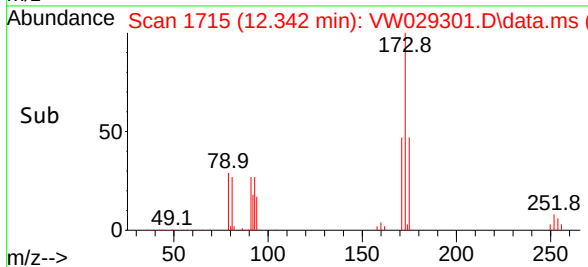
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

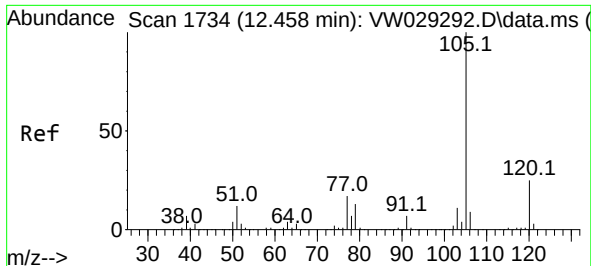


#59
Bromoform
Concen: 31.550 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



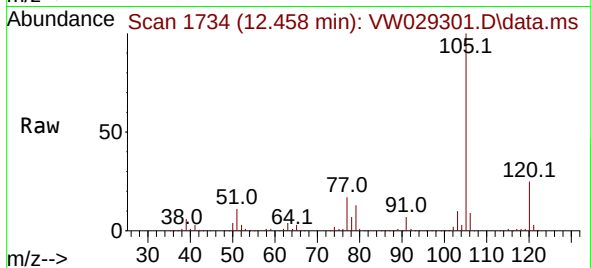
Tgt Ion:173 Resp: 47747
Ion Ratio Lower Upper
173 100
175 48.3 37.8 56.8
254 8.8 7.8 11.6





#60
Isopropylbenzene
Concen: 27.572 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

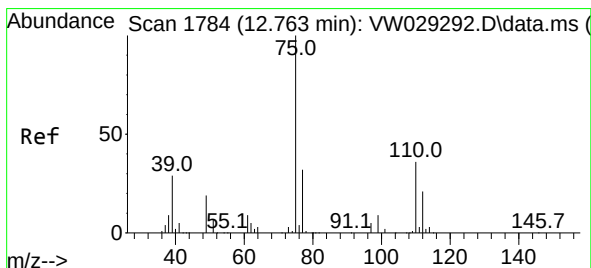
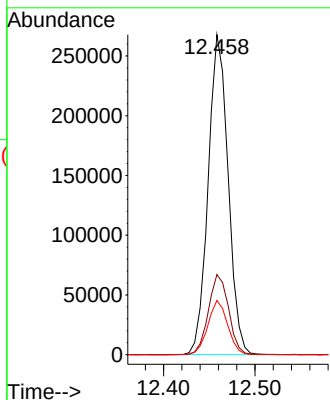
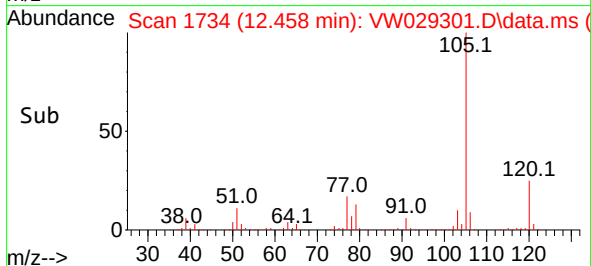
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



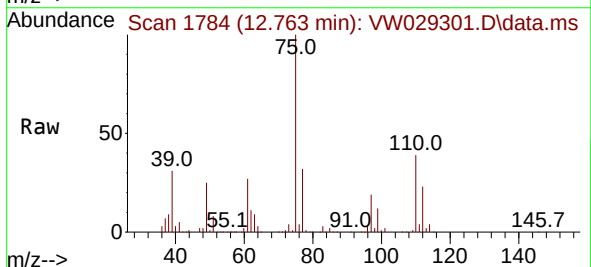
Tgt Ion:105 Resp: 405662
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.8 13.6 20.4

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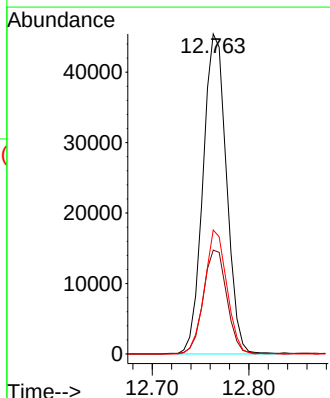
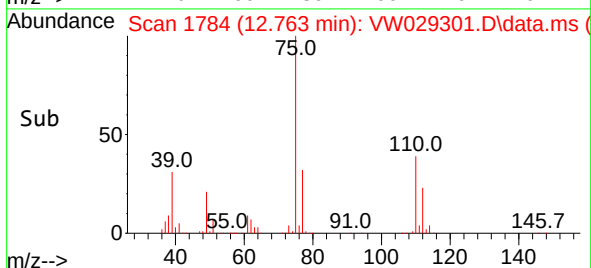
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

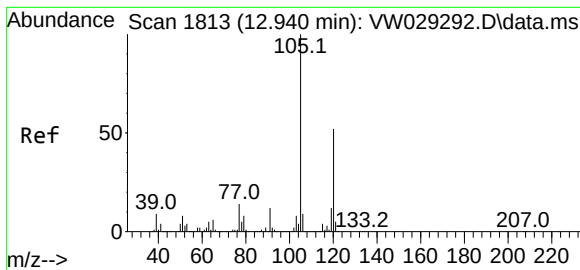


#61
1,2,3-Trichloropropane
Concen: 31.858 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



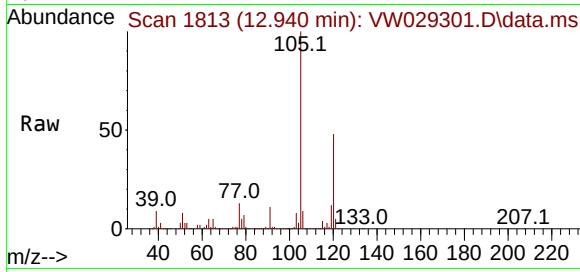
Tgt Ion: 75 Resp: 76728
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 36.8 29.5 44.3





#62
1,3,5-Trimethylbenzene
Concen: 25.382 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

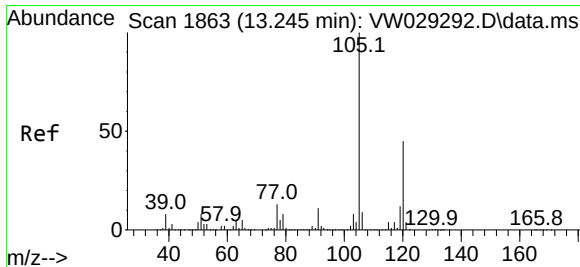
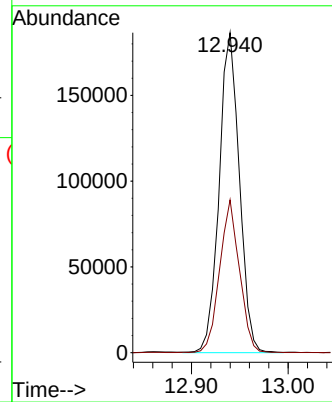
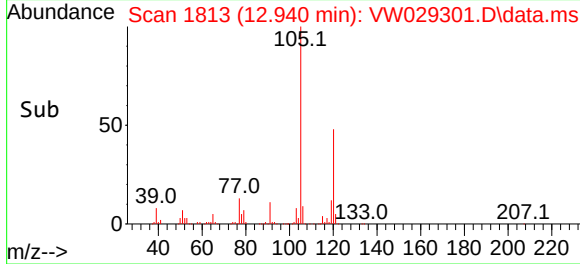
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



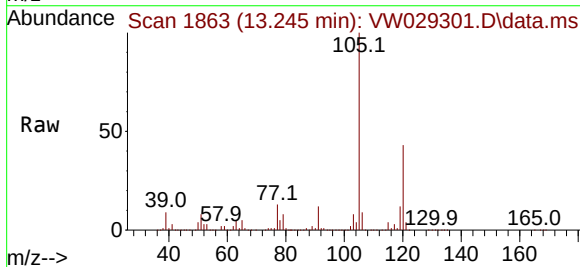
Tgt Ion:105 Resp: 270458
Ion Ratio Lower Upper
105 100
120 46.9 36.4 54.6

Manual Integrations
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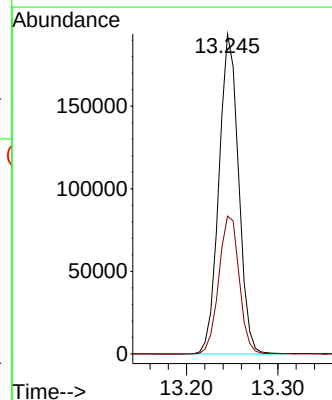
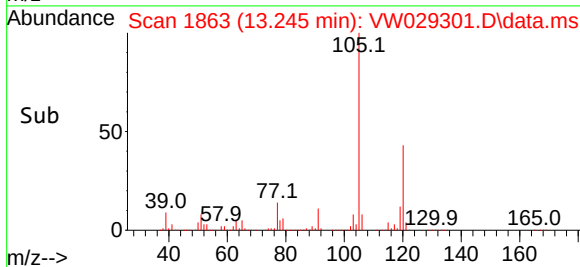
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

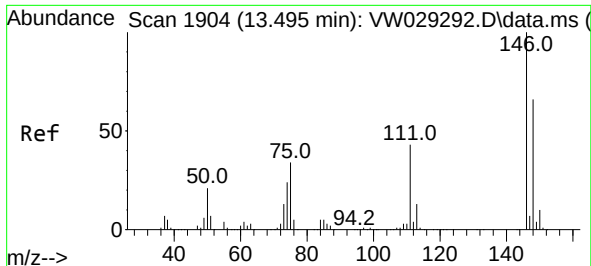


#63
1,2,4-Trimethylbenzene
Concen: 25.265 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



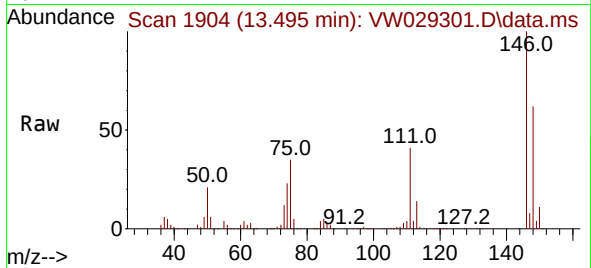
Tgt Ion:105 Resp: 289655
Ion Ratio Lower Upper
105 100
120 44.7 34.9 52.3





#64
1,3-Dichlorobenzene
Concen: 21.902 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

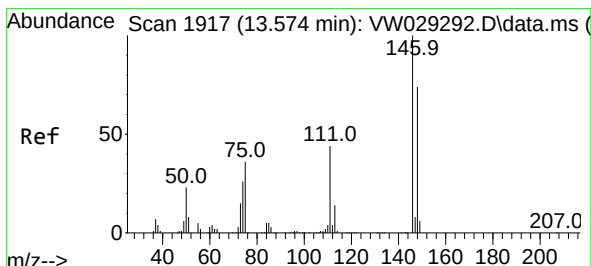
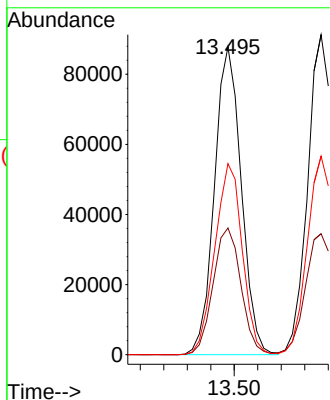
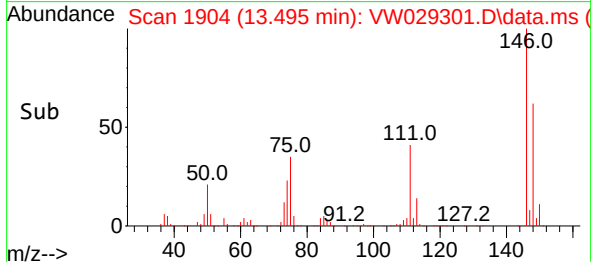
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



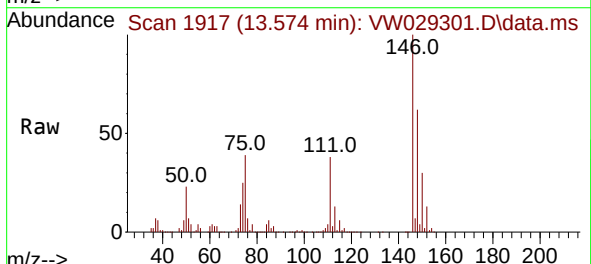
Tgt Ion:146 Resp: 139454
Ion Ratio Lower Upper
146 100
111 41.2 33.0 61.2
148 62.1 47.5 88.1

Manual Integrations
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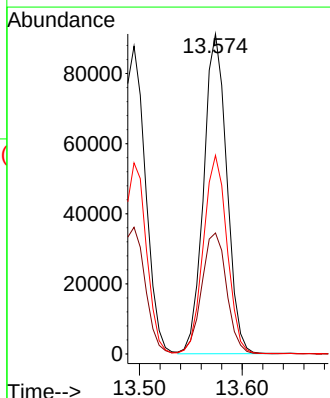
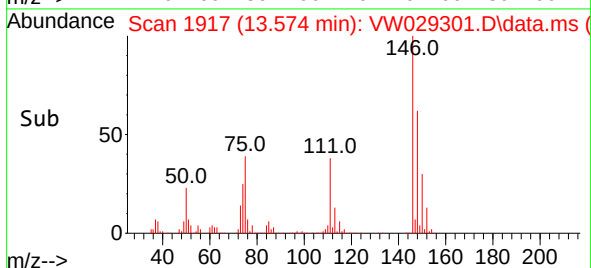
Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024

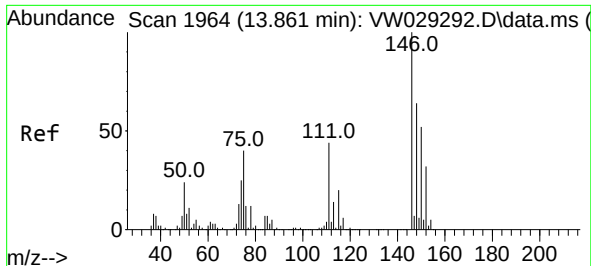


#65
1,4-Dichlorobenzene
Concen: 21.070 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46



Tgt Ion:146 Resp: 142733
Ion Ratio Lower Upper
146 100
111 37.8 28.9 53.7
148 62.0 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 21.022 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

A4CT2MS

Tgt Ion:146 Resp: 123740

Ion Ratio Lower Upper

146 100

111 44.5 34.2 51.4

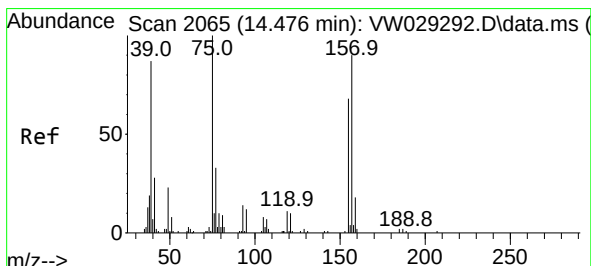
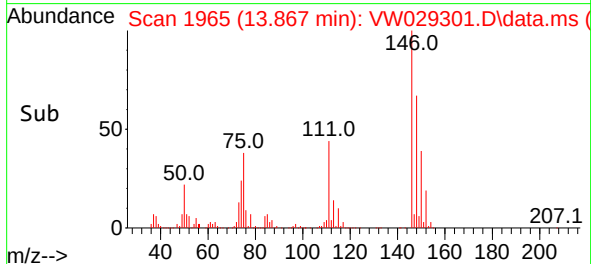
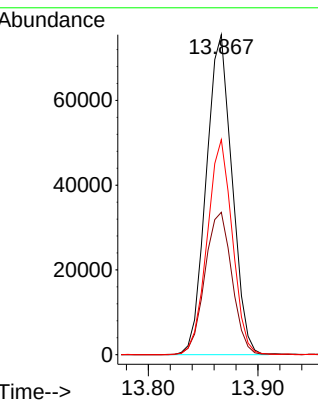
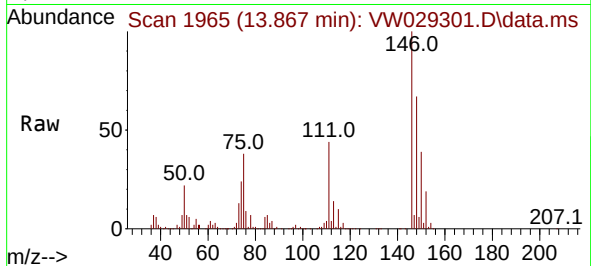
148 67.2 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024

Supervised By :Mahesh Dadoda 06/25/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 25.301 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

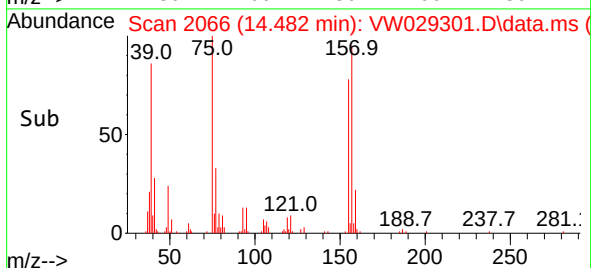
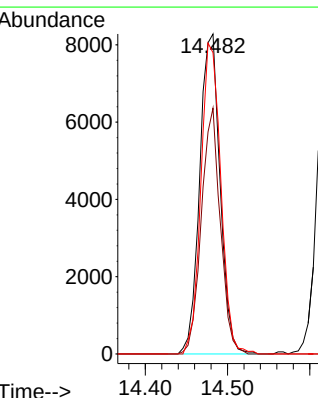
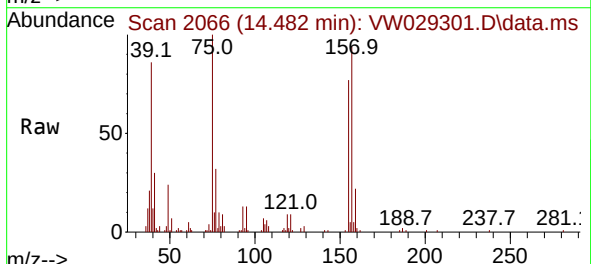
Tgt Ion: 75 Resp: 14220

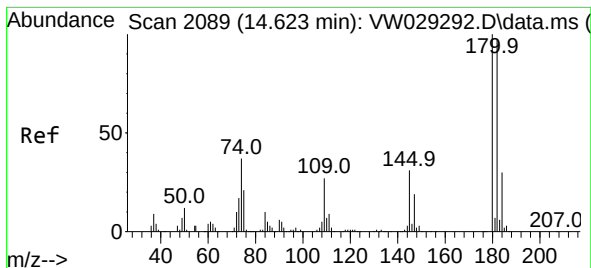
Ion Ratio Lower Upper

75 100

155 76.8 51.0 76.6#

157 94.1 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 13.523 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

A4CT2MS

Tgt Ion:180 Resp: 58109

Ion Ratio Lower Upper

180 100

182 96.5 72.9 109.3

184 30.7 23.8 35.6

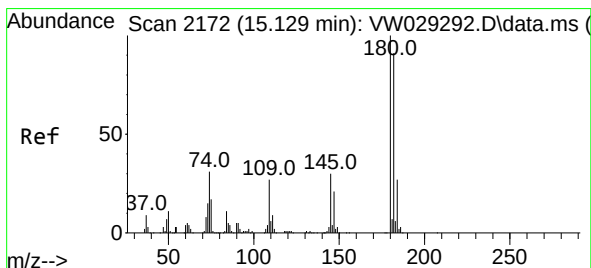
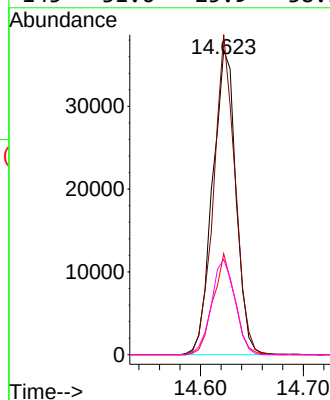
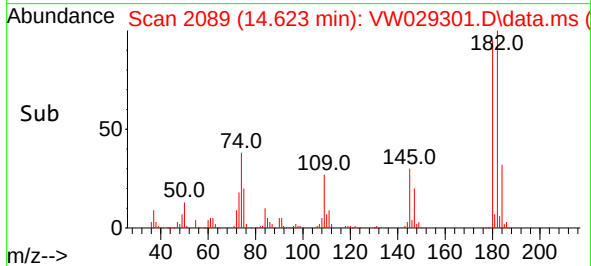
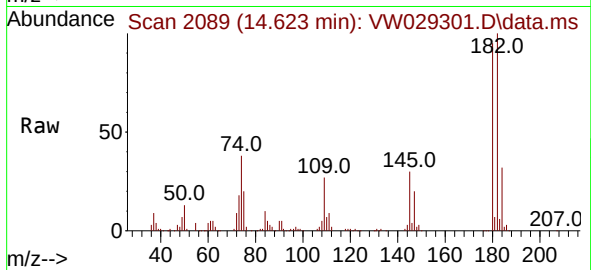
145 31.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024

Supervised By :Mahesh Dadoda 06/25/2024



#70

1,2,4-trichlorobenzene

Concen: 12.115 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029301.D

Acq: 21 Jun 2024 14:46

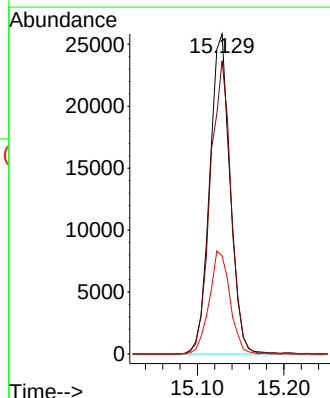
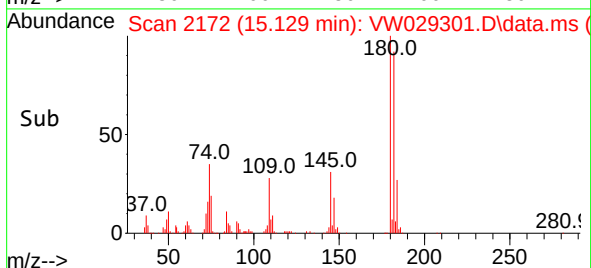
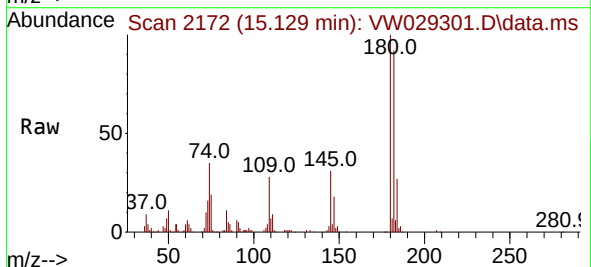
Tgt Ion:180 Resp: 42200

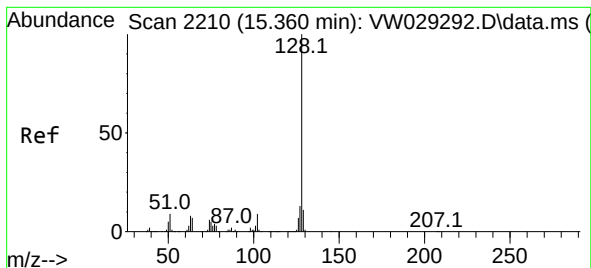
Ion Ratio Lower Upper

180 100

182 92.8 77.7 116.5

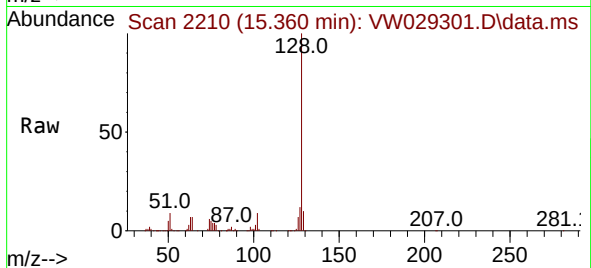
145 32.6 25.7 38.5





#71
Naphthalene
Concen: 15.727 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

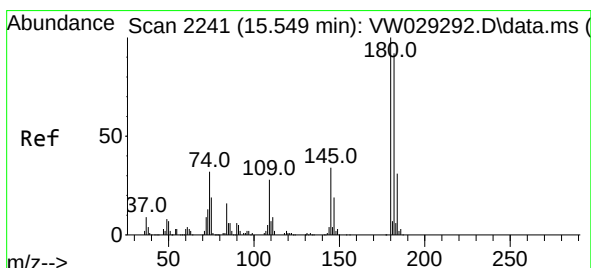
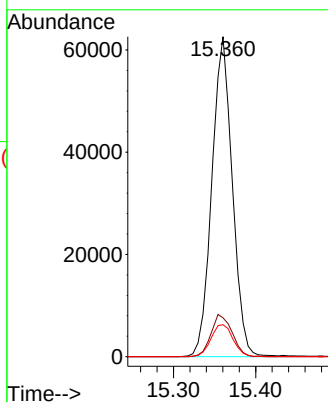
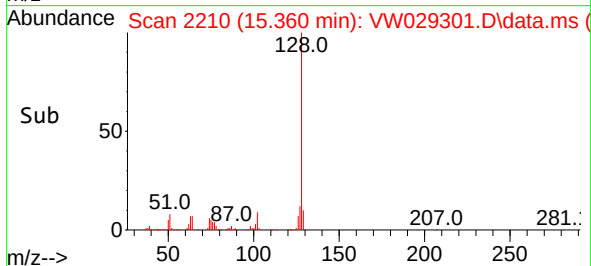
Instrument :
MSVOA_W
ClientSampleId :
A4CT2MS



Tgt Ion:128 Resp: 108124
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024
Supervised By :Mahesh Dadoda 06/25/2024



#72
1,2,3-Trichlorobenzene
Concen: 11.038 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029301.D
Acq: 21 Jun 2024 14:46

Tgt Ion:180 Resp: 35034
Ion Ratio Lower Upper
180 100
182 91.1 73.0 109.6
145 33.5 28.1 42.1

